



Général Catalogue



D.R.F.I.
COSTRUZIONE, MANUTENZIONE E FORNITURE ARMAMENTO FERROVIARIO



D.R. Ferroviaria Italia est l'évolution d'une histoire entrepreneuriale née au début des années 70 qui, au cours des années, a connu un développement corporatif, professionnel et technique croissant dans le secteur des superstructures ferroviaires.

Aujourd'hui, elle constitue une référence pas seulement pour le secteur ferroviaire, mais aussi pour le secteur métropolitain et celui du tramway, et encore pour la création d'équipements de voie dédiés, commandés par des entreprises de transports publics en Italie et à l'étranger.

D.R. Ferroviaria Italia is the evolution of an entrepreneurial story born in the early 70's that has seen over the years a growing business, professional and technical development in the railway sector.

Today it is a point of reference for the production of turnouts and crossings not only for the railway sector but also for that of the metropolitan and tramway field. They are supplied upon commission for both Italian and foreign public transport.

POLITIQUE D'ENTERPRISE

Système de Management Intégré Qualité/Sécurité au travail/Environnement

La stratégie de la Direction concernant le système intégré se caractérise par plusieurs points:

- 1.Ambition de professionnalisme dans toutes les opérations de l'entreprise, offrant toujours au client la perception de la qualité de ses produits et services, visant toujours l'excellence**
- 2.Culture d'entreprise visant à promouvoir l'amélioration continue des produits, des services et de toutes les activités**
- 3.La conscience que l'atteinte d'un standard de qualité de plus en plus élevé se traduit par une réduction des coûts et un meilleur retour pour l'entreprise**
- 4.Engagement constant pour la sauvegarde de l'environnement, de la santé et de la sécurité au travail**
- 5.Engagement constant en garantie d'environnement de travail adapté à ses collaborateurs dans le respect des lois et réglementations en matière de sécurité au travail**
- 6.Une relation étroite avec les fournisseurs afin de garantir une réponse aux besoins des Clients**
- 7.Une attention particulière au renforcement de la formation et des compétences de tout le personnel**
- 8.La participation concernant tout le personnel à la recherche continue d'amélioration des services offerts avec la possibilité de proposer des suggestions et l'optimisations de produits et de processus**
- 9.Engagement de la société en faveur de la prévention de la pollution**

COMPANY POLICY

Integrated System for Quality, Environment and Work Safety

The company strategy regarding the integrated system is characterized by :

1. Professional ambition in all business processes, always offering customers the perception of quality in their products and services, always aiming for excellence.
2. Culture aimed at promoting continuous improvement of products, services and all activities
3. The awareness that the achievement of a higher quality standard translates into lower costs and a higher net corporate
4. A constant commitment to safeguarding the environment, safety and the worker's health
5. The constant commitment to guarantee a suitable working environment for its employees in compliance with the laws and regulations concerning work safety
6. A close relationship with suppliers in order to guarantee and meet the customer's needs
7. High attention to the improvement of training and skills of all staff
8. Involvement of all personnel in the continuous search for improvement of the services offered, with the possibility of proposing suggestions and improvements for products and processes.
9. Company commitment towards pollution prevention

Les Activités

DRFI est leader en conception et construction dans les secteurs ferroviaire, tramway et métropolitain, offrant les technologies les plus avancées afin de répondre aux besoins des clients, agissant au nom de la sécurité et de l'efficacité.

En raison de sa flexibilité dans l'approche intégrée innovante, DRFI optimise les stratégies, les ressources et les investissements, en zonant les différents types de technologies de production afin d'apporter des solutions pour la création d'équipements de voie applicables au niveau local, régional ou national.

Dans ce contexte, DRFI agit en tant que « main contractor » ou partenaire de consortiums, ainsi qu'intégrateur de systèmes pour des projets importants, fournissant des solutions « clés à la main » dans le respect des délais et du budget .

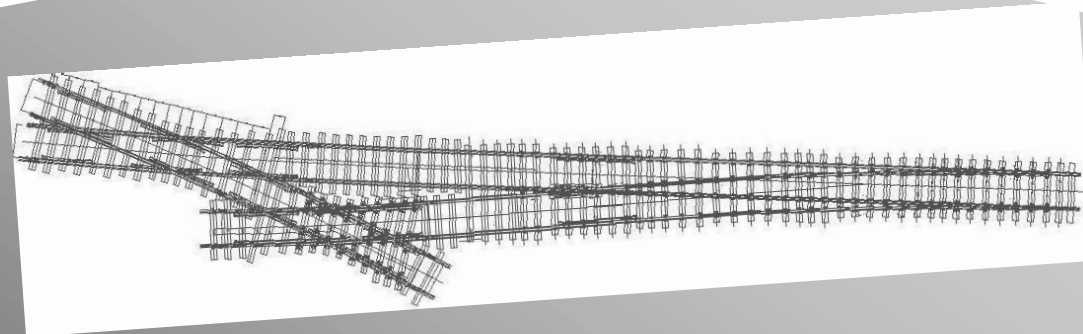
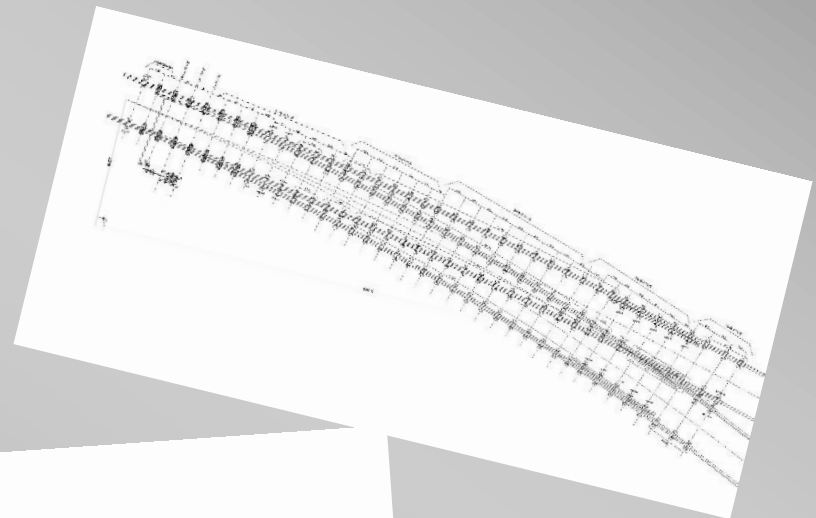
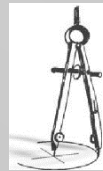
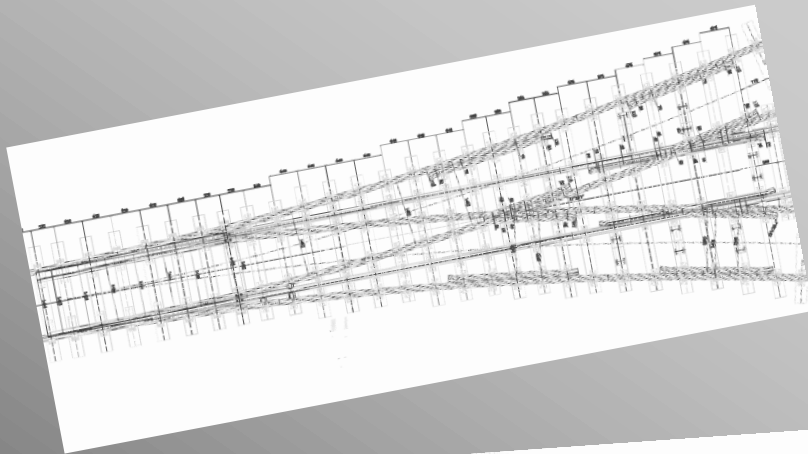


ACTIVITIES

DRFI is a leader in the design and construction of railway, tram and metro fields, offering the most advanced technologies in order to meet the customer's needs, operating under the banner of safety and efficiency.

Thanks to its flexibility for an innovative integrated approach, DRFI optimizes strategies, resources and investments, rationalizing the various types of production technologies in order to provide solutions for the realization of track equipment applicable locally, regionally or nationally.

In this context, DRFI, acts as a " main contractor " or consortium partner, as well as systems integrator for major projects, providing " turn-key " solutions on time and agreed costs.



PRODUCTION & COMMERCIALISATION - PRODUCTION & MARKETING

- Pare chocs triangulaire - Triangular bumpers
- Pare chocs amortisseurs - Shock-absorbing bumpers
- Fixateurs d'aiguilles - Point rail immobilizers
- Blocs Chaussures - Carriage stoppers
- Moteur d'aiguilles-électrique et mécanique - Manual/electric switch rail machine
- Lien crochet / électrique - Hook type/electric switch rodding
- Eclisses mixtes - Promiscuous fishplates
- Joints isolants - Insulated joints



PRODUCTION & COMMERCIALISATION - PRODUCTION & MARKETING

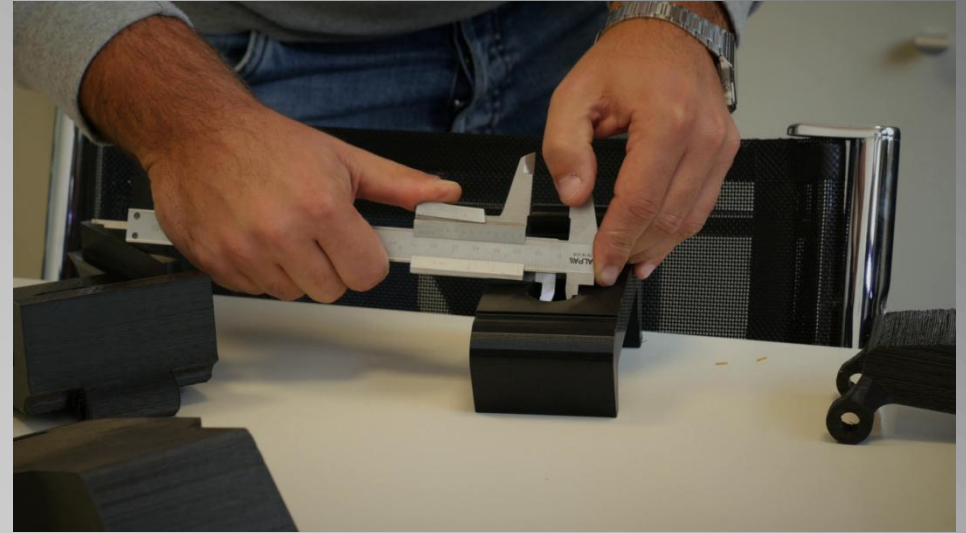
- Rails vignole, rainurés & burback - Vignole, grooved & burback rails
- Aiguilles - Point rails
- Cœurs de voie en manganèse - Manganese frogs
- Coussinet à bloc - Sliding chairs
- Traverses en beton / bois - Concrete / wooden sleepers
- Système de fixation - Fastening systems
- Intercalaires - Rail pads
- Systèmes d'ancrage - Anchorage











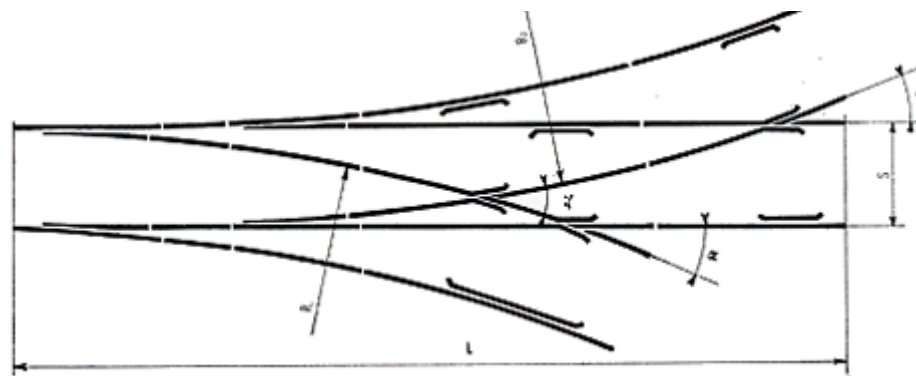




Aiguillages nouvelle génération armement 60E1



Innovative turnouts – rail profile 60E1

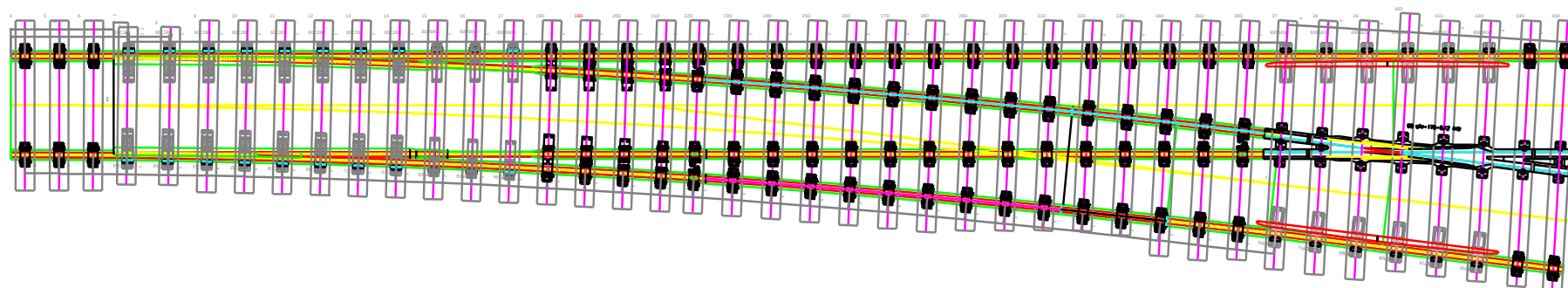
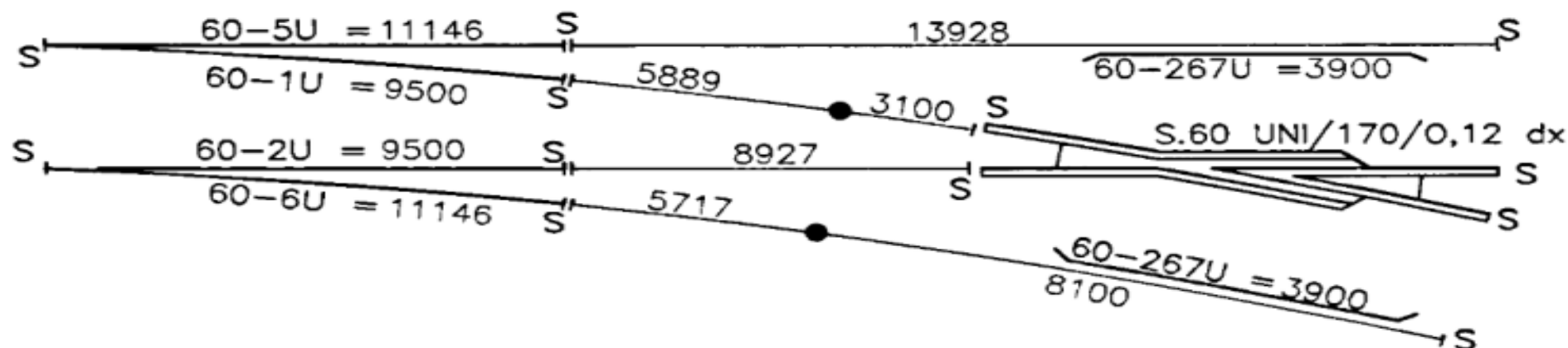


Appareils de voie avec coeur de voie en manganèse, attaches indirects et extrémités soudables– coussinets IBAV à rouleaux et de glissement– contre rail 33C1 – posé sur traverses en béton (C.A.V.P.)

Railway turnouts with austenitic manganese monoblock frogs, flexible fastenings and flash butt welded legs – flexible sliding-chair – check-rail 33C1 – laying on concrete sleepers

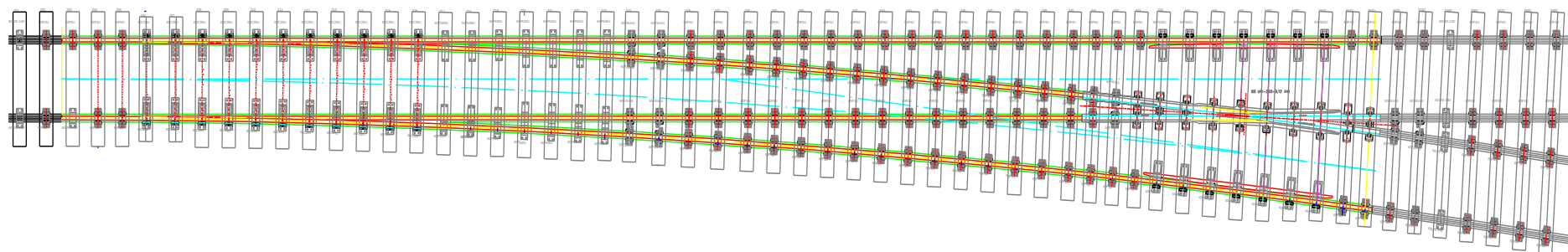
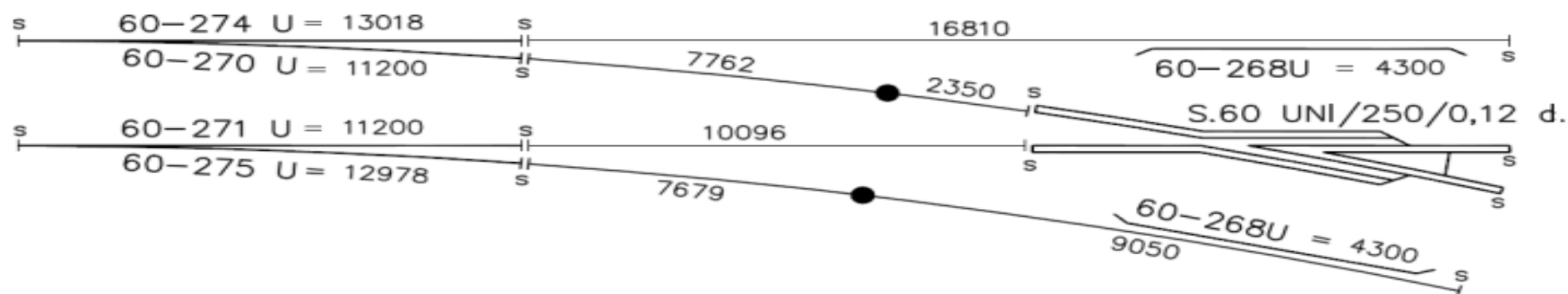
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/170/0,12

Rail profile 60 E1 – Standard Turnout type 60/170/0,12



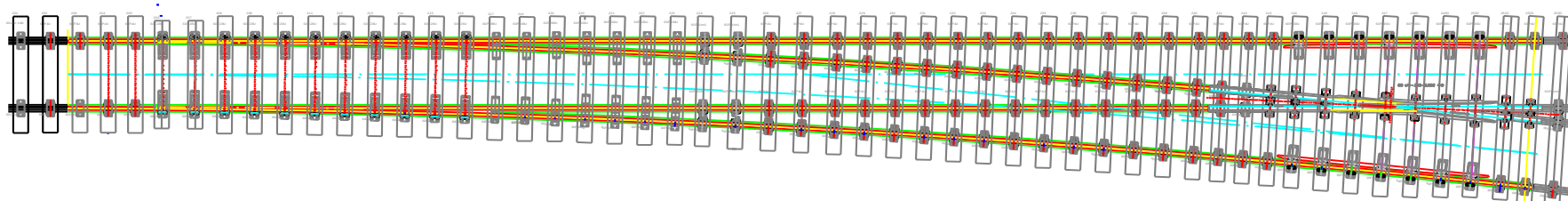
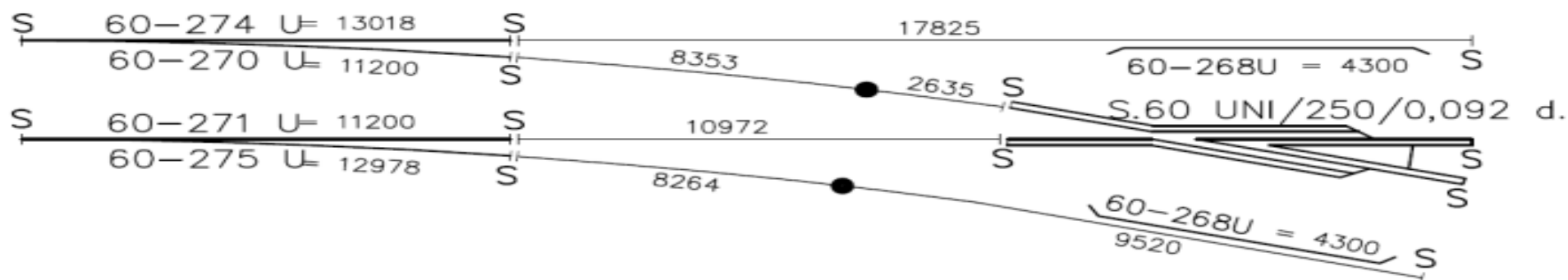
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/250/0,12

Rail profile 60E1 – Standard Turnout type 60/250/0,12



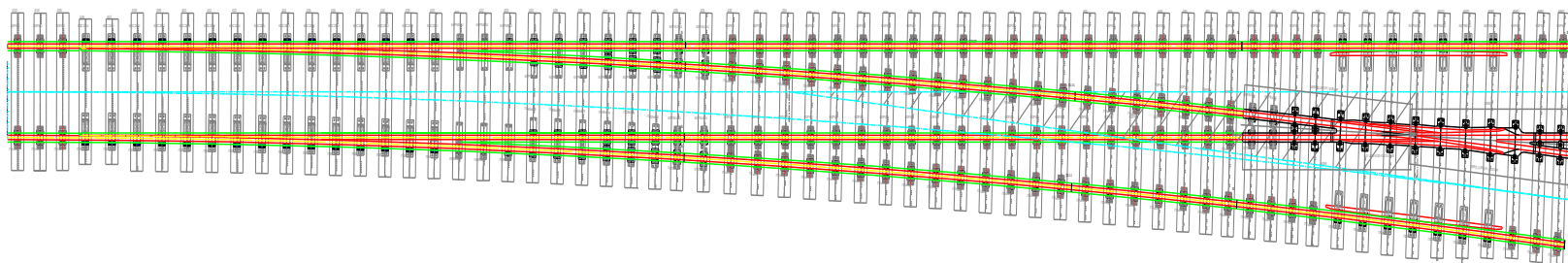
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/250/0,092

Rail profile 60E1 – Standard Turnout type 60/250/0,092



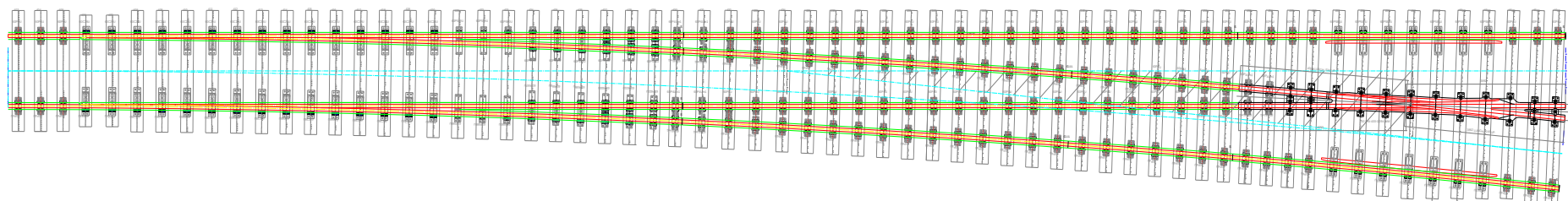
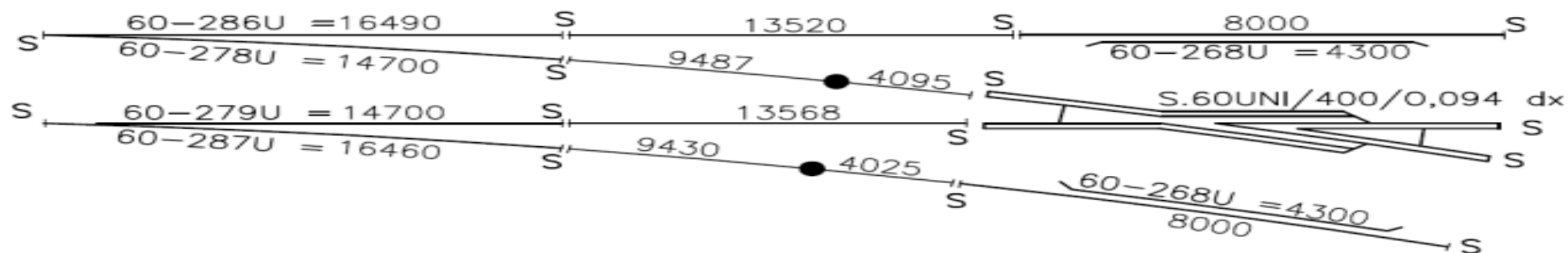
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/400/0,074

Rail profile 60E1 – Standard Turnout type 60/400/0,074



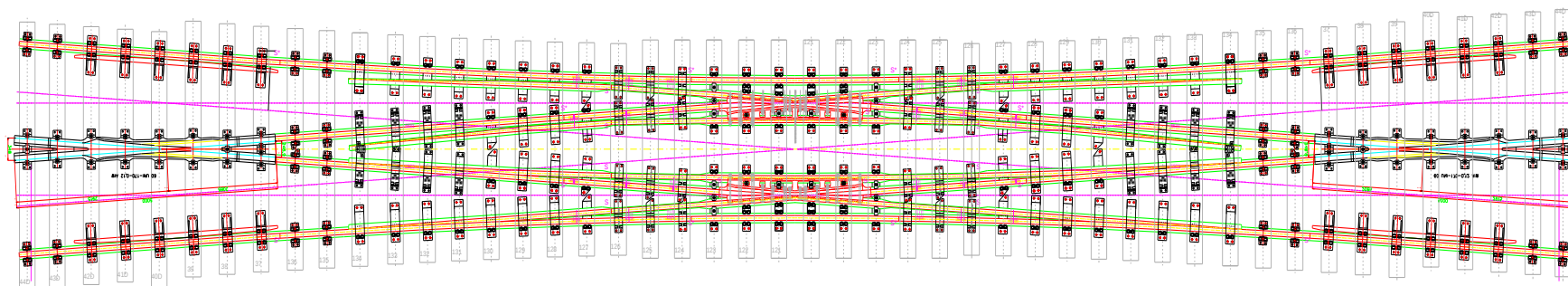
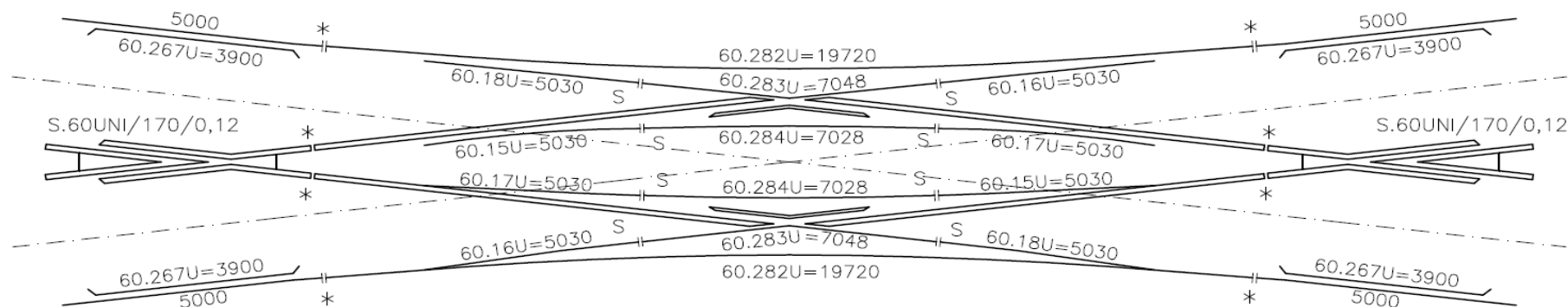
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/400/0,094

Rail profile 60E1 – Standard Turnout type 60/400/0,094



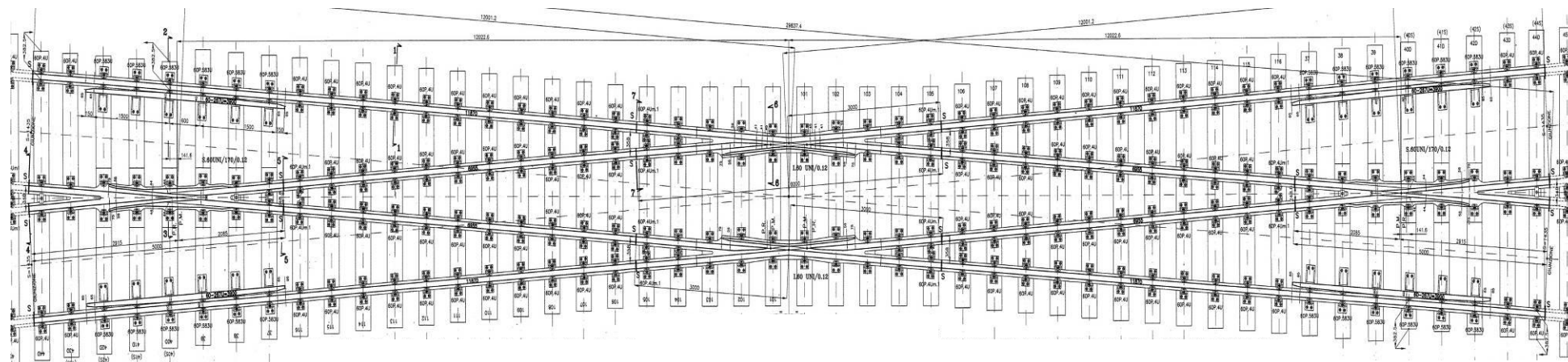
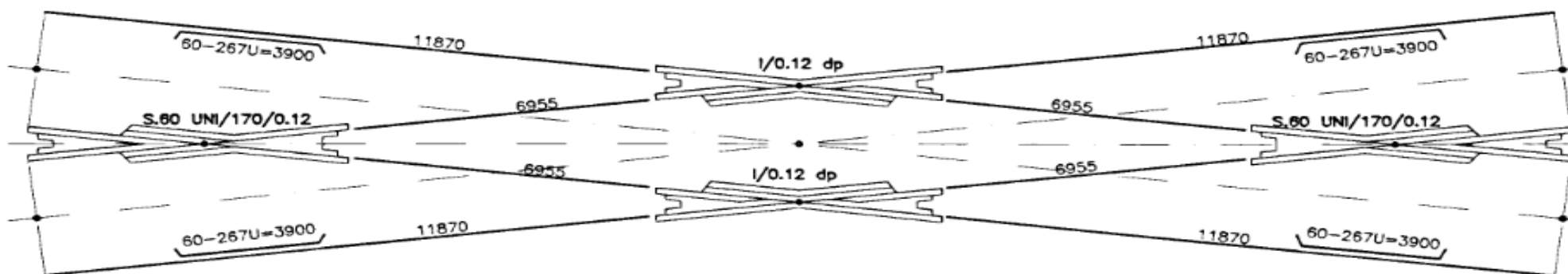
ARMEMENT 60E1 – AIGUILLAGE D'INTERSECTION DOUBLE S.I.60/170/0,12

Rail 60E1 – Double diamond crossing type 60/170/0,12



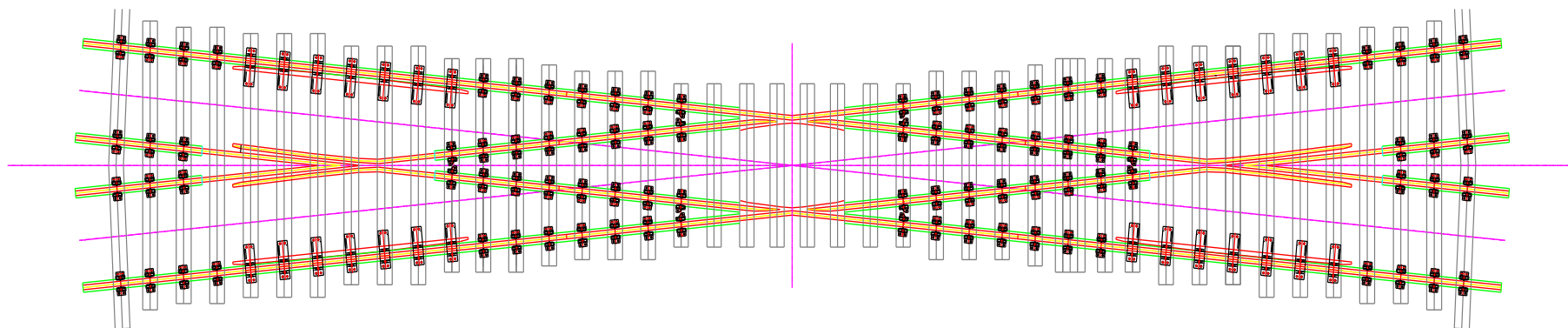
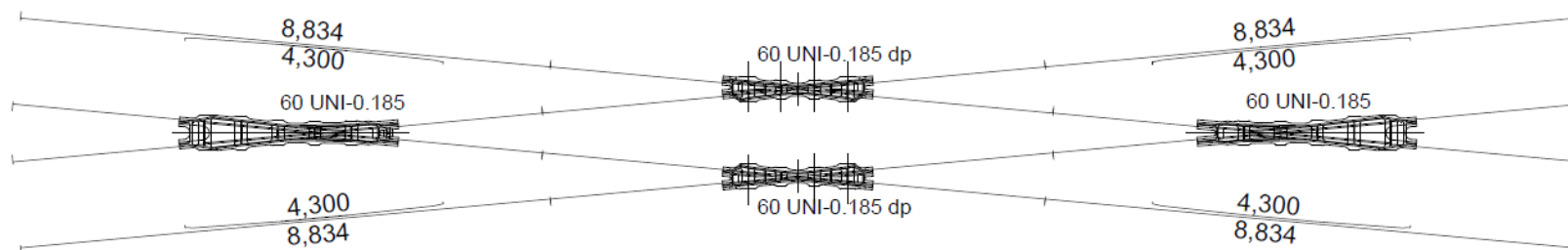
ARMEMENT 60E1 – INTERSECTION I.60/0,12

Rail profile 60E1 – Crossing type 60/0,12



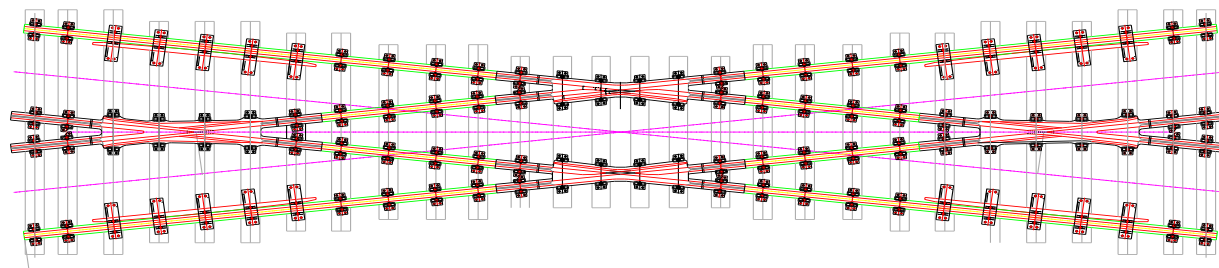
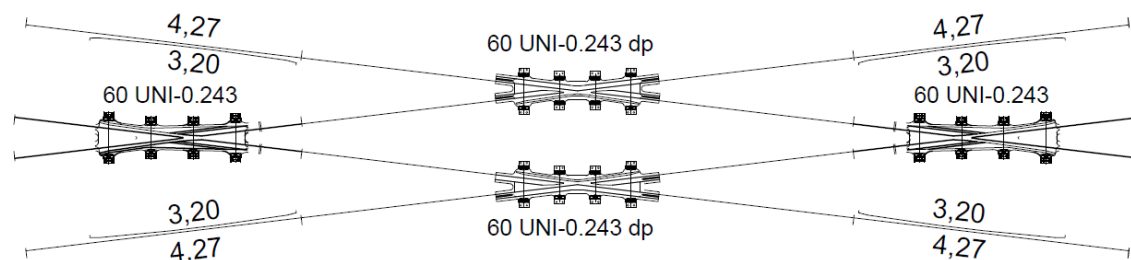
ARMAMENT 60E1 – INTERSECTION I.60/0,185

Rail profile 60E1 – Crossing type 60/0,185



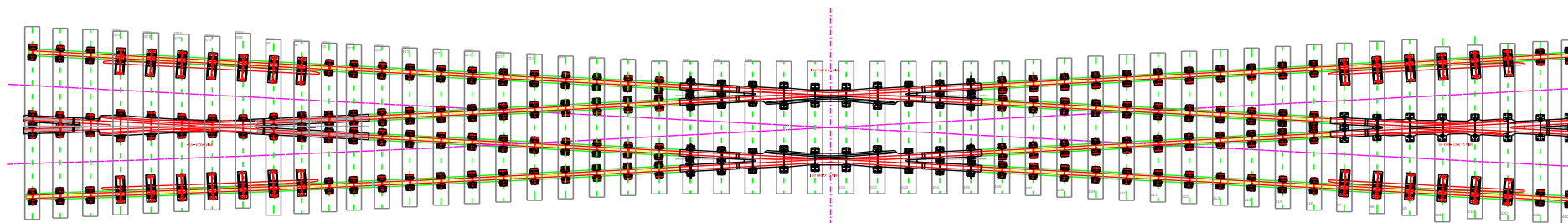
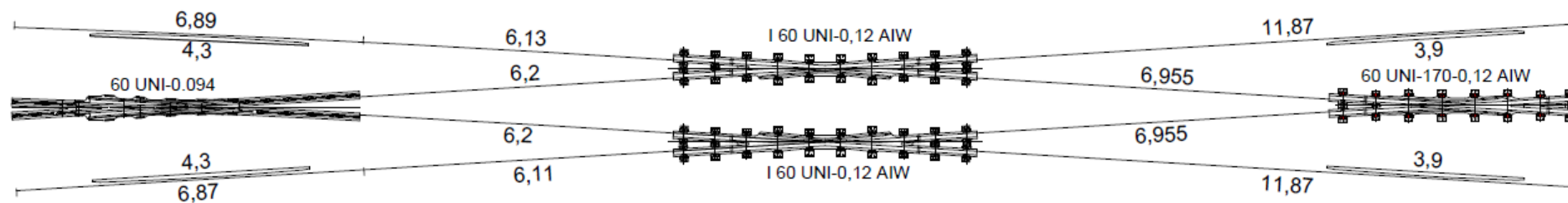
ARMAMENT 60E1 – INTERSECTION I.60/0,243

Rail profile 60E1 – Crossing type 60/0,243



ARMAMENT 60E1 – INTERSECTION I.60/0,094-0,12/0,12-0,12

Rail profile 60 E1 – Crossing type 60/0,094-0,12/0,12-0,12



Aiguillages traditionnel armement 60E1

Traditional turnouts – rail profile 60E1

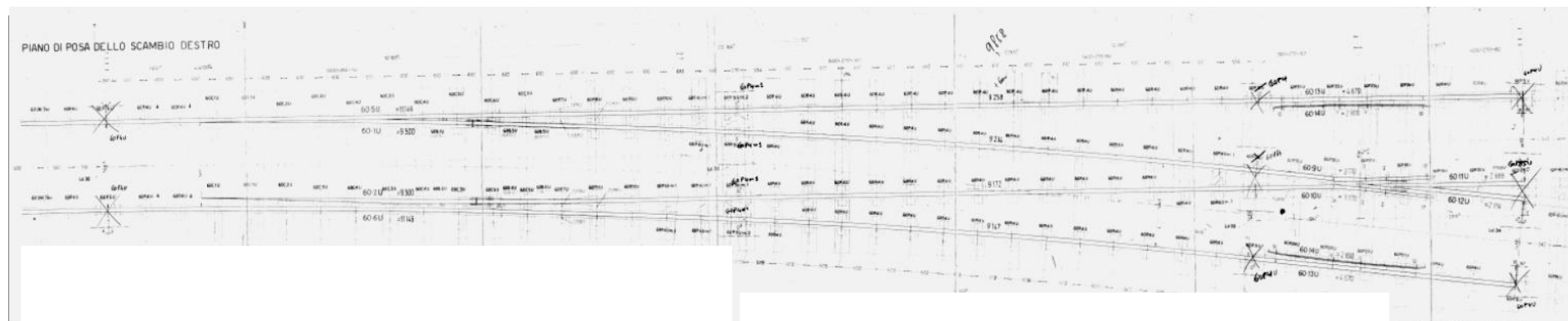
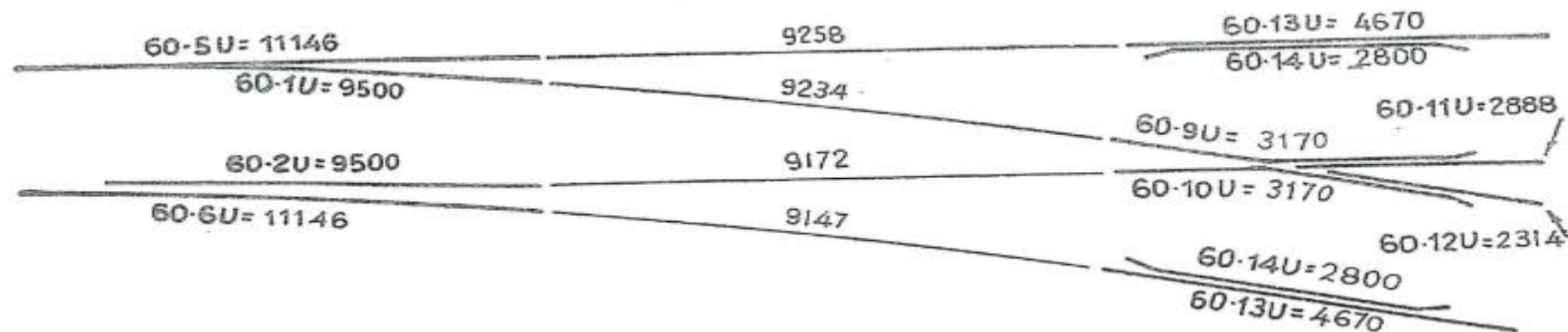


Appareils de voie avec coeurs d'assemblages des rails – coussinets traditionnels – contre rail type Cr – posé sur traverses en bois

Railway turnouts with rail-assembled frogs – traditional sliding-chair – check-rail type Cr – laying on wooden sleepers

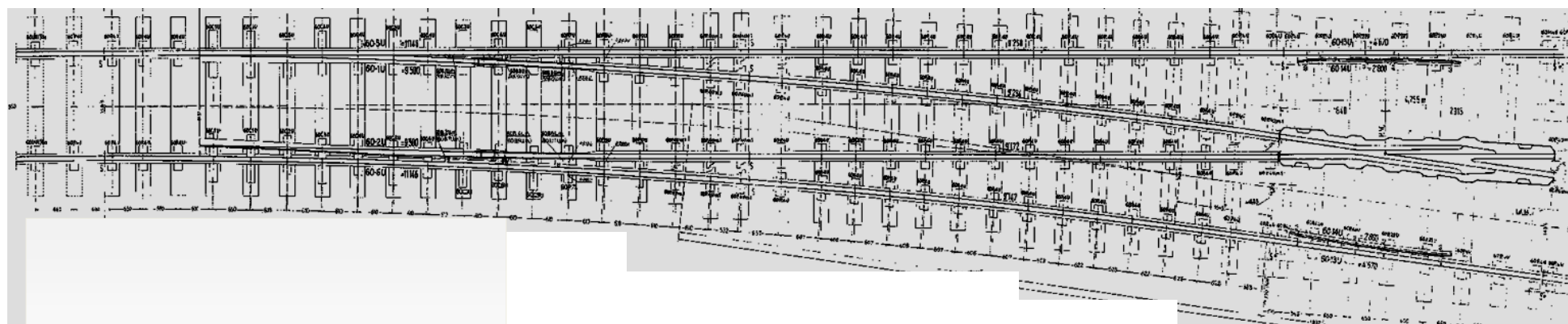
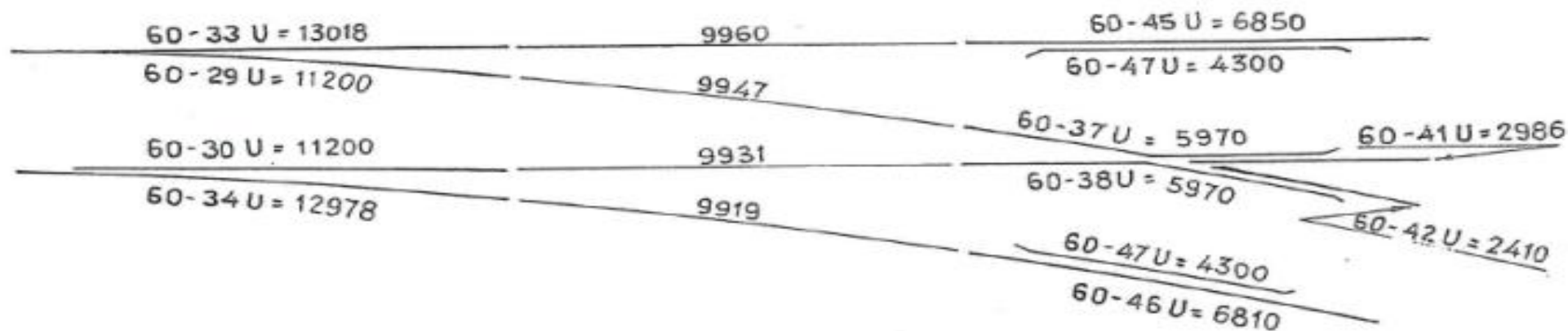
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/170/0,12

Rail profile 60E1 – Standard Turnout type 60/170/0,12



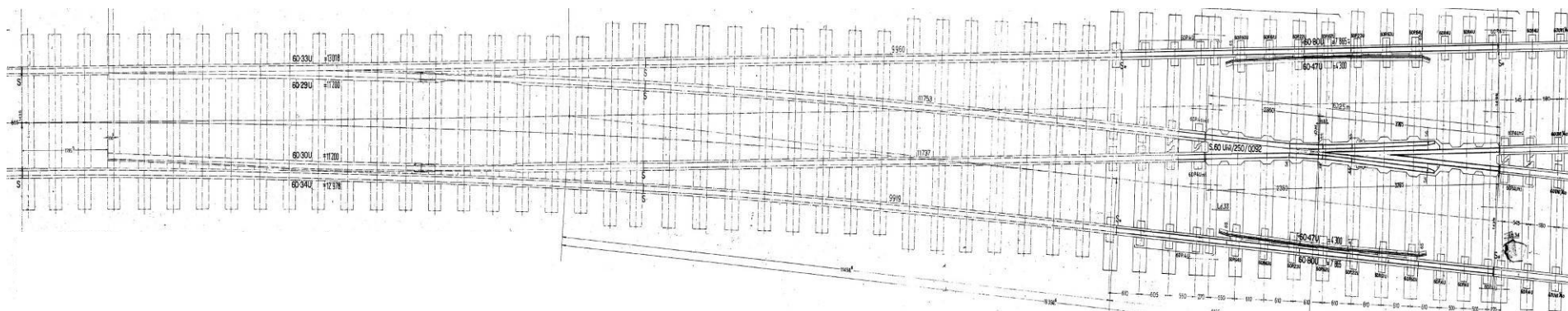
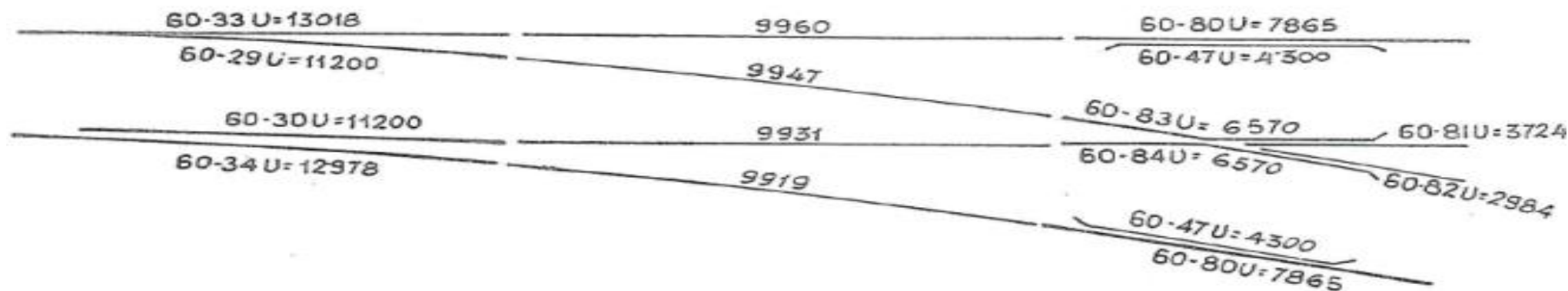
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/250/0,12

Rail profile 60E1 – Standard Turnout type 60/250/0,12



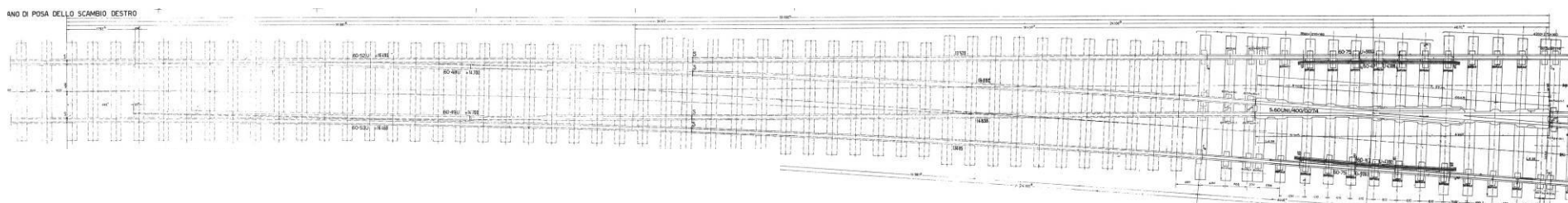
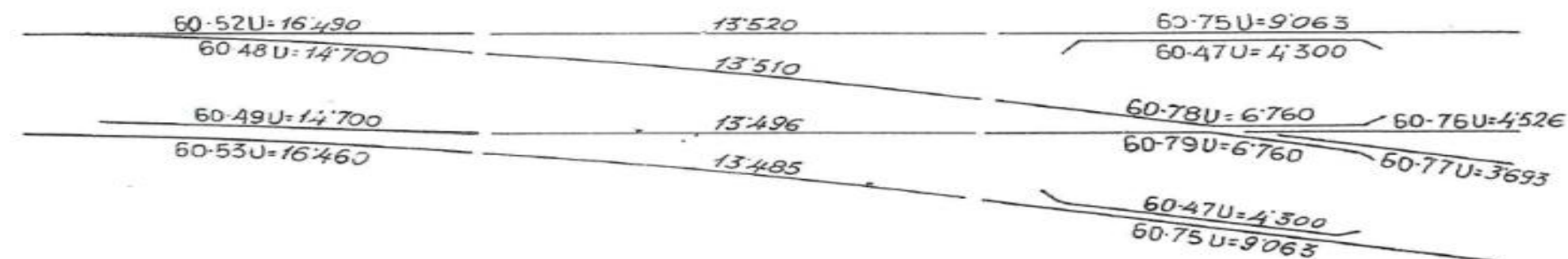
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/250/0,092

Rail profile 60E1 – Standard Turnout type 60/250/0,092



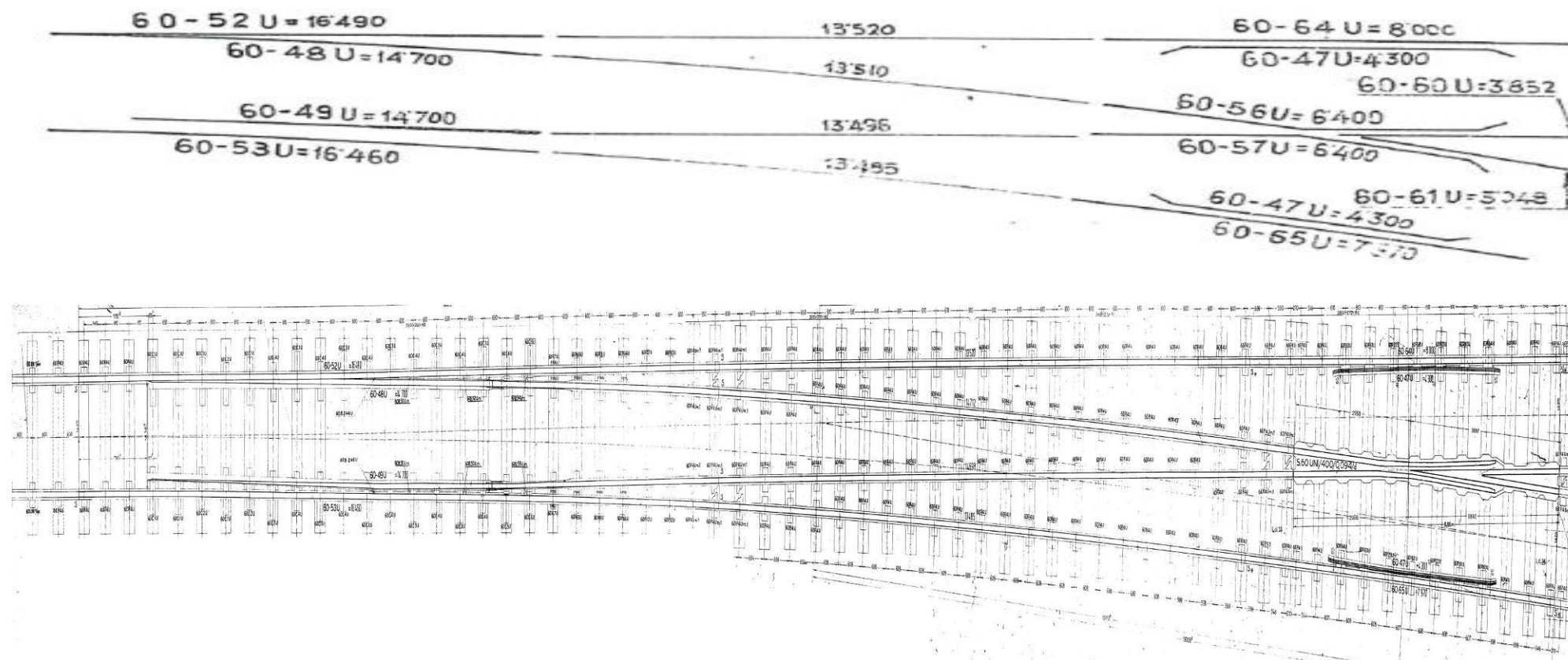
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/400/0,074

Rail profile 60E1 – Standard Turnout type 60/400/0,074



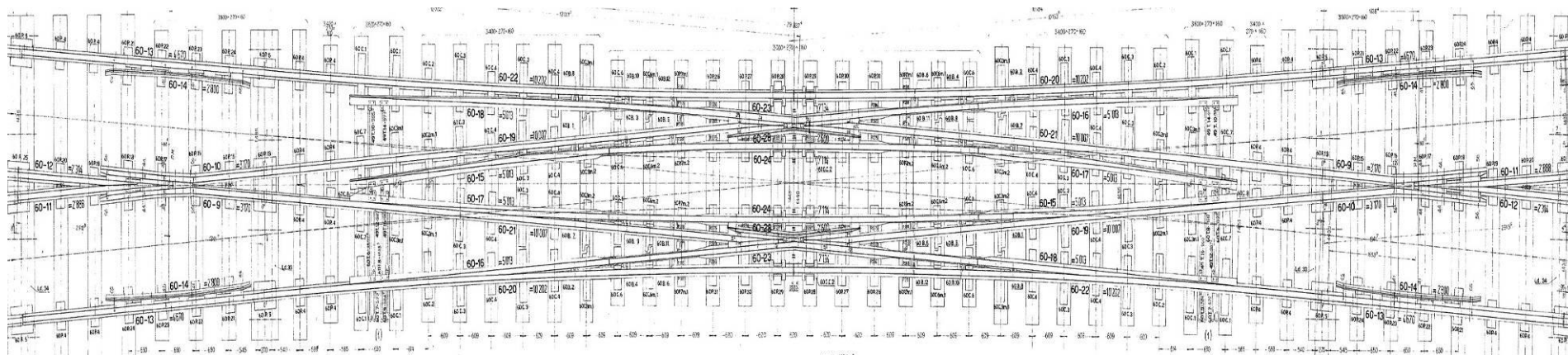
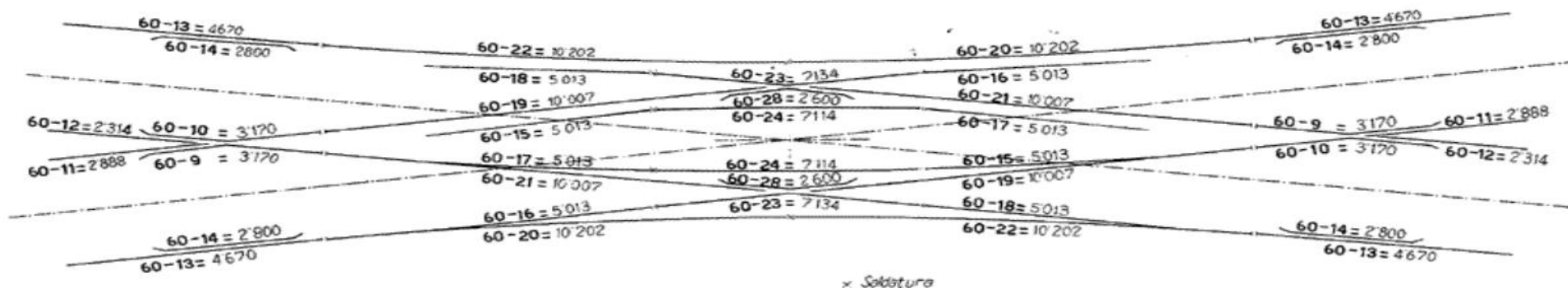
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/400/0,094

Rail profile 60E1 – Standard Turnout type 60/400/0,094



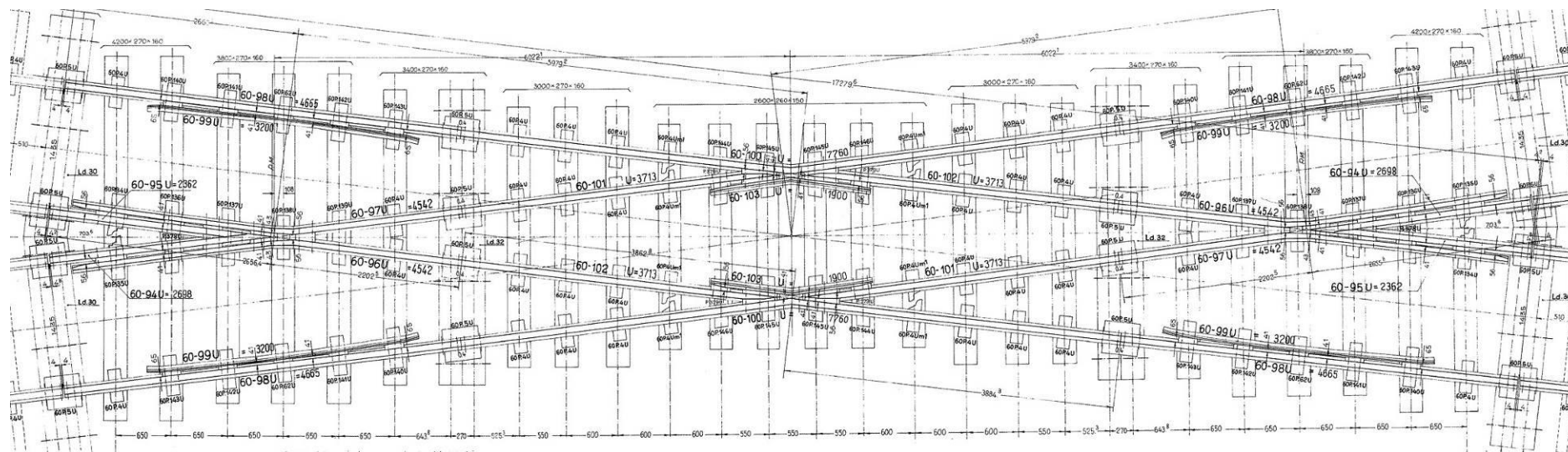
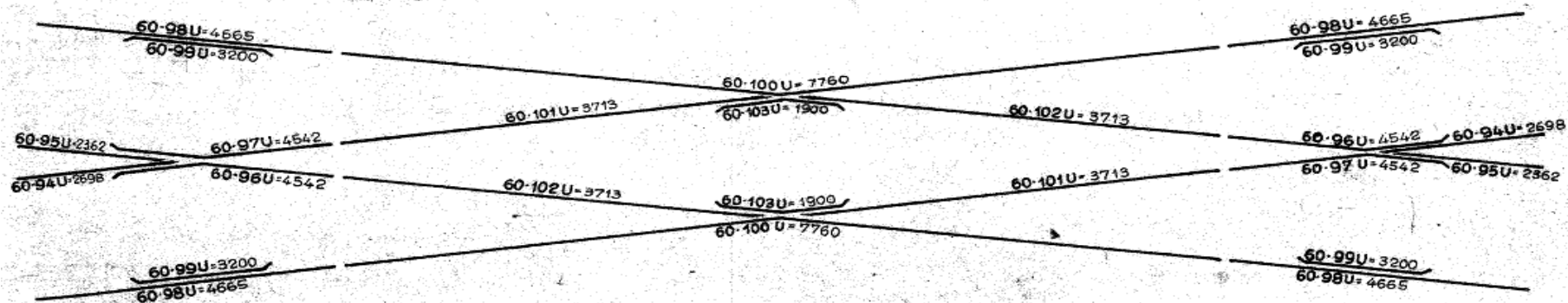
ARMEMENT 60E1 – AIGUILLAGE D'INTERSECTION DOUBLE S.I.60/170/0,12

Rail profile 60E1 – Crossing type 60/170/0,12



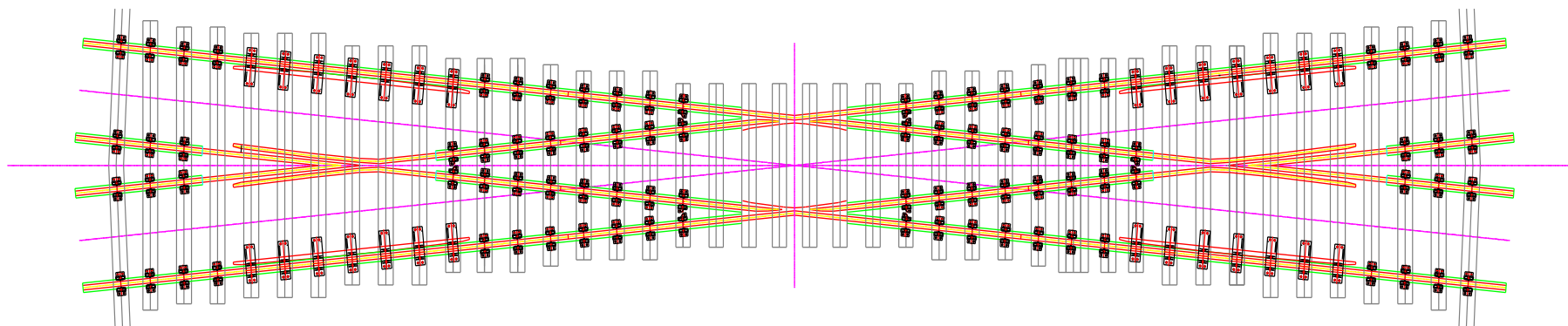
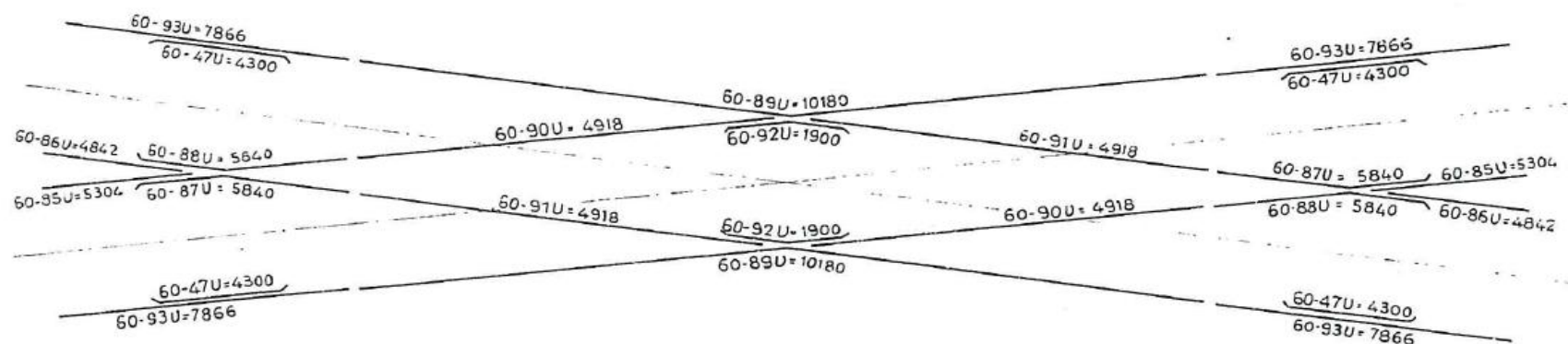
ARMEMENT 60E1 – AIGUILLAGE D'INTERSECTION I. 60/0,243

Rail profile 60E1 – Crossing type 60/0,243



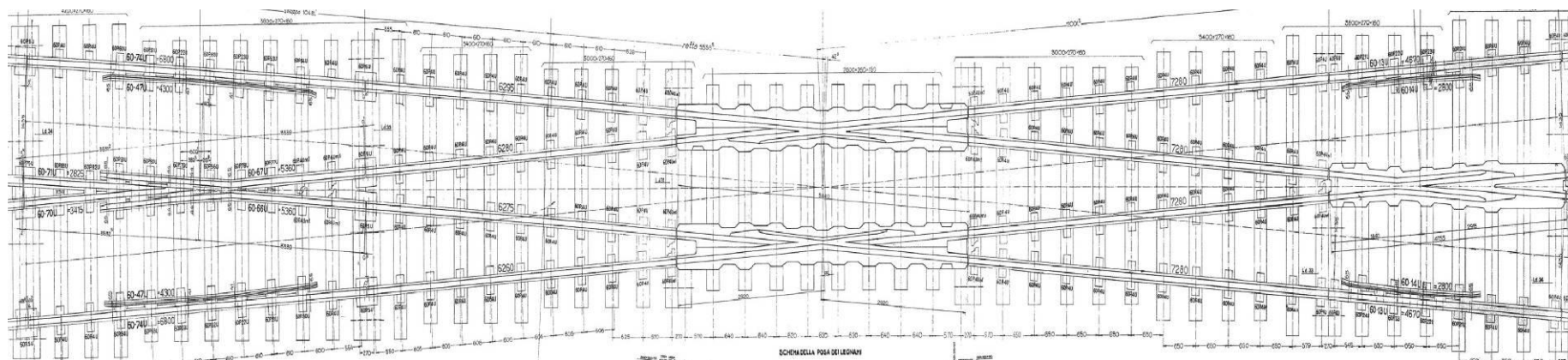
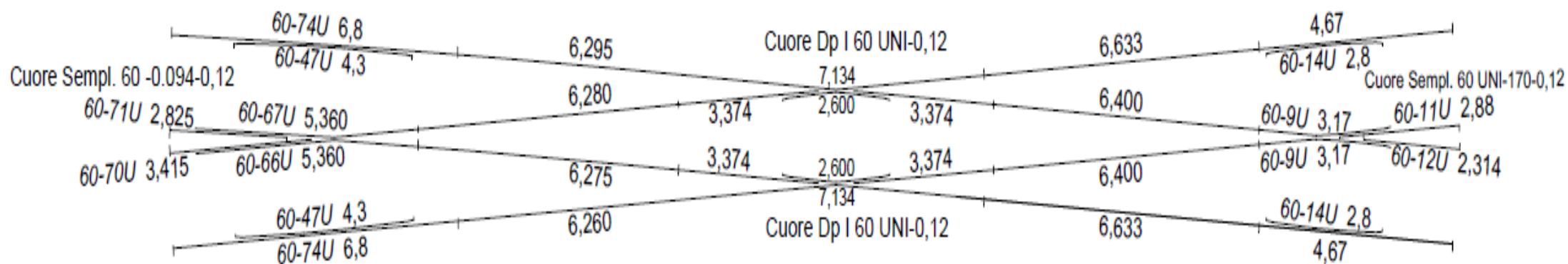
ARMEMENT 60E1 AIGUILLAGE D'INTERSECTION I. 60/0,185

Rail profile 60E1 – Crossing type 60/0,185



ARMEMENT 60E1 – AIGUILLAGE D'INTERSECTION I. 60-0,12/0,12-0,094-0,12

Rail profile 60E1 – Crossing type 60/0,12





Aiguillages armement 49E1–54E1–60E1

Marché étranger

Turnouts rail 49E1 – 54E1 - 60E1

International network

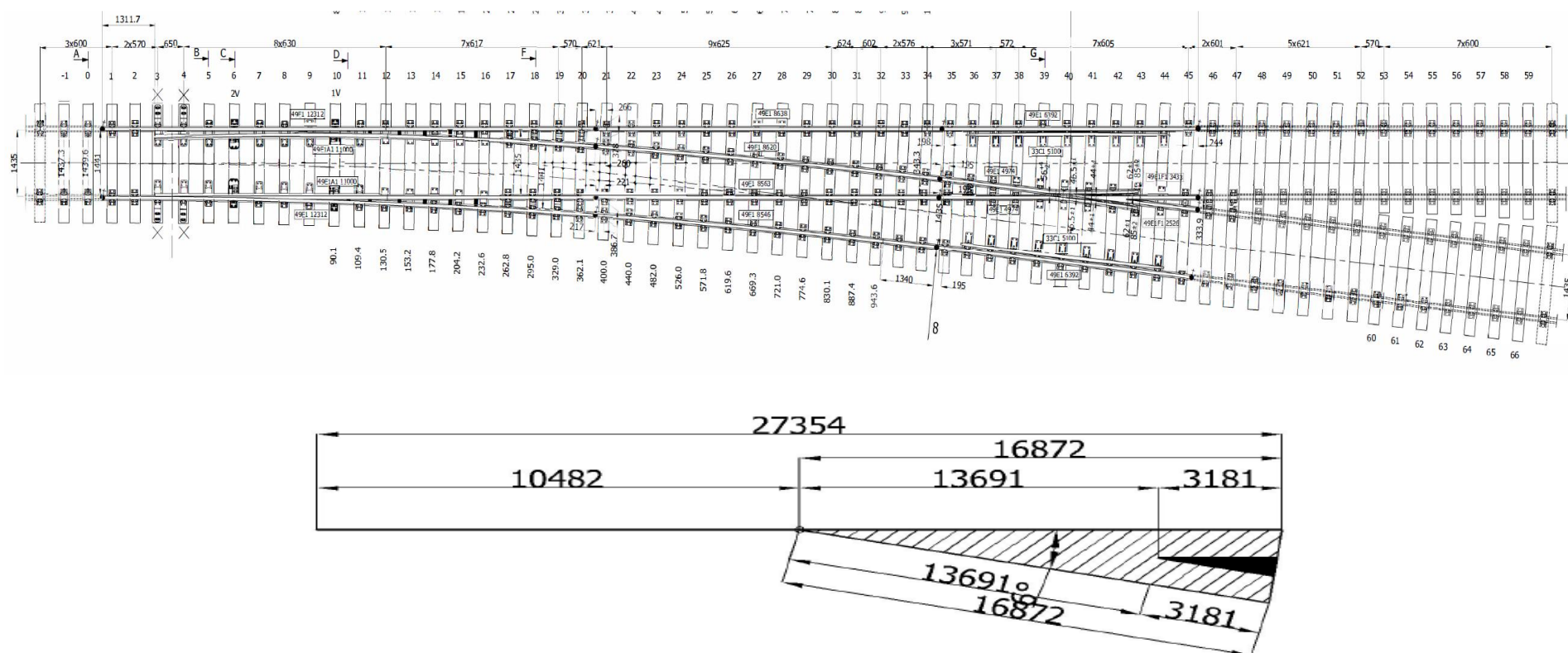


Appareils de voie avec Coeurs d'assemblages de rails et forgées – coussinets IBAV à rouleaux et de glissement– contre rail type 33C1 – posé sur traverses en bois

Railway turnouts with rail-assembled and welded frogs – flexible sliding-chairs – check-rails type 33C1 – laying on wooden sleepers

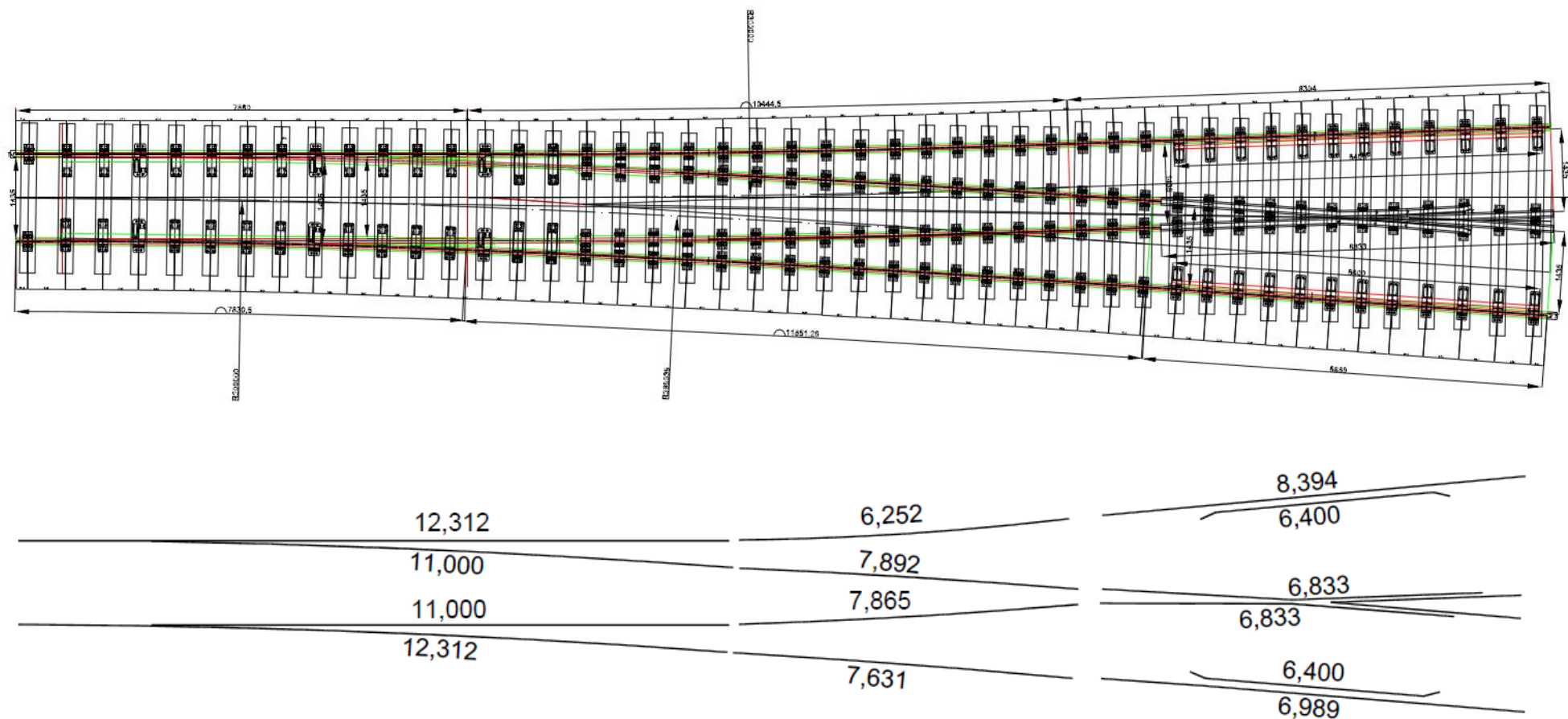
ARMEMENT 49E1 – AIGUILLAGE STANDARD S.49/200/6°

Rail profile 49E1 – Standard Turnout type 49/200/6°



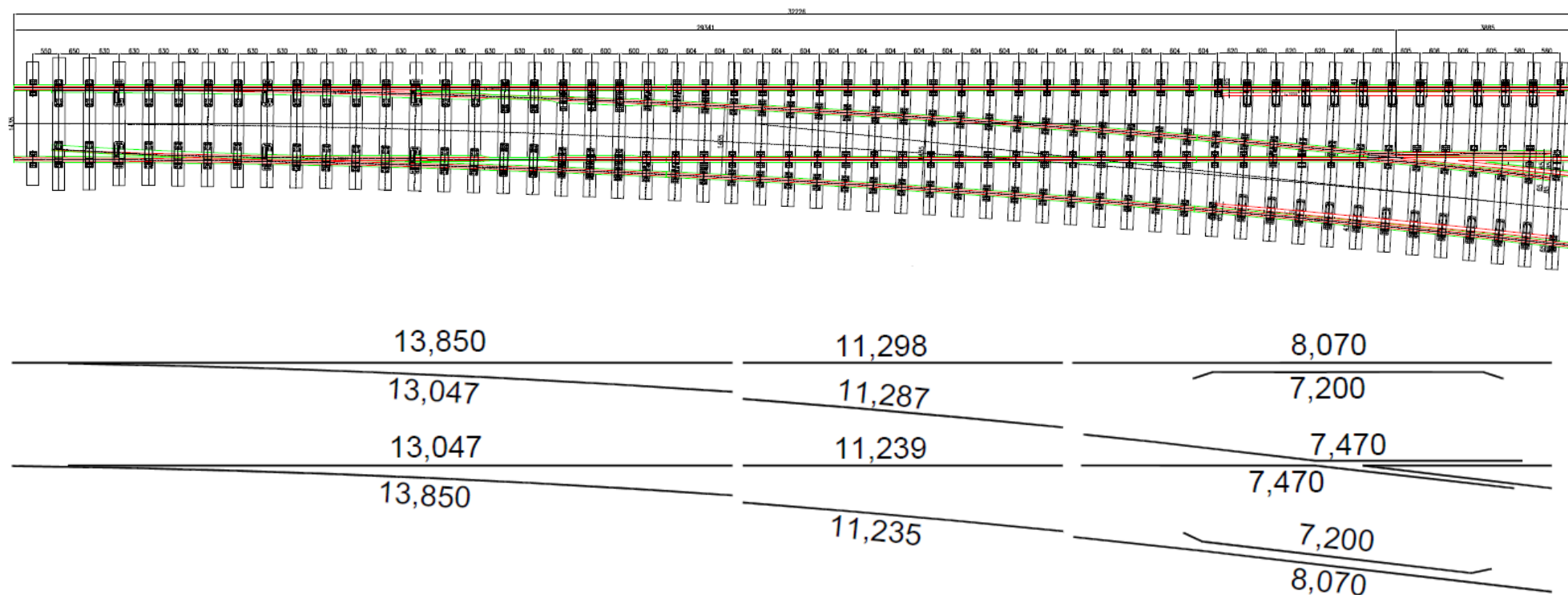
ARMEMENT 49E1 – AIGUILLAGE STANDARD S.49/200-300

Rail profile 49E1 – Standard Turnout type 49/200-300



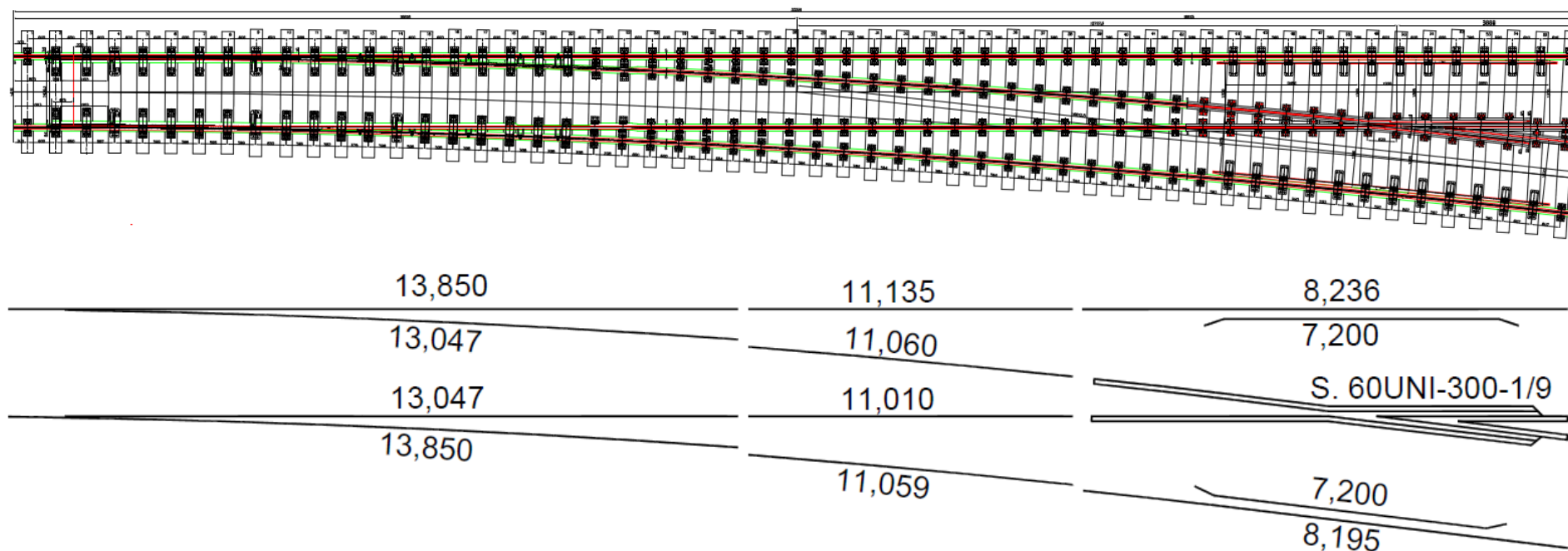
ARMEMENT 49E1 – AIGUILLAGE STANDARD S.49/300/6°

Rail profile 49E1 – Standard Turnout type 49/300/6°



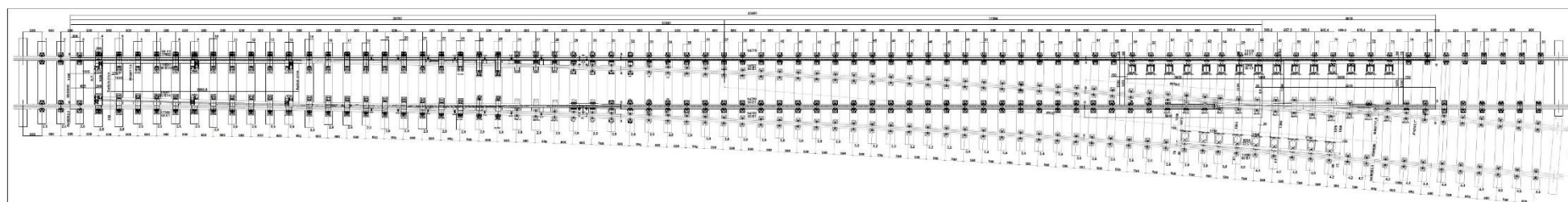
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/300/1:9

Rail profile 60E1 – Standard Turnout type 60/300/1:9



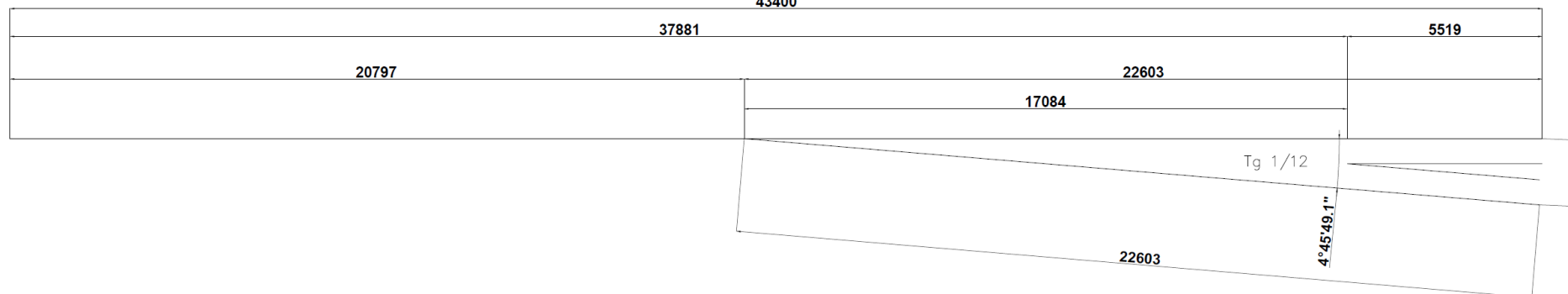
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/500/1:12

Rail profile 60E1 – Standard Turnout type 60/500/1:12



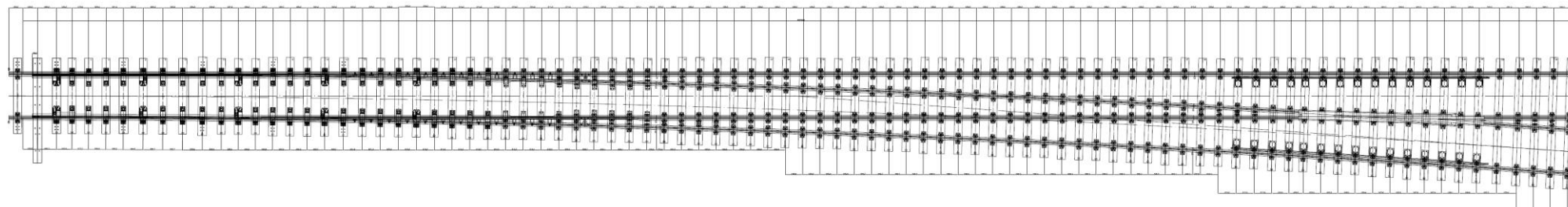
AXLE SCHEME

43400

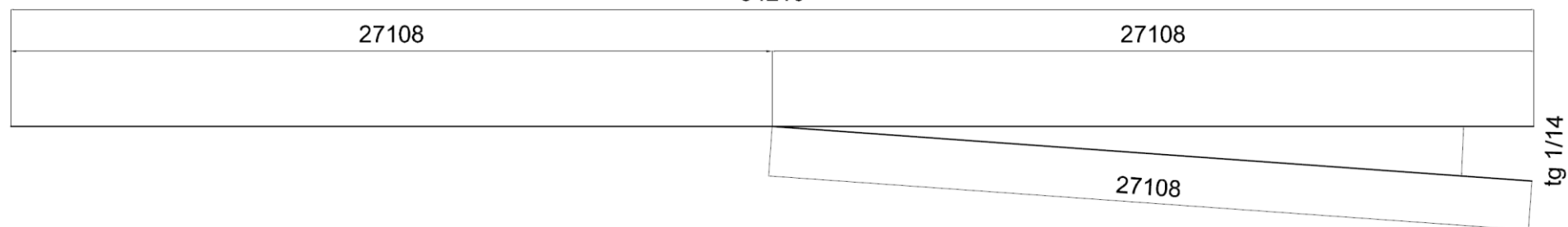


ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/760/1:14

Rail profile 60E1 – Standard Turnout type 60/760/1:14

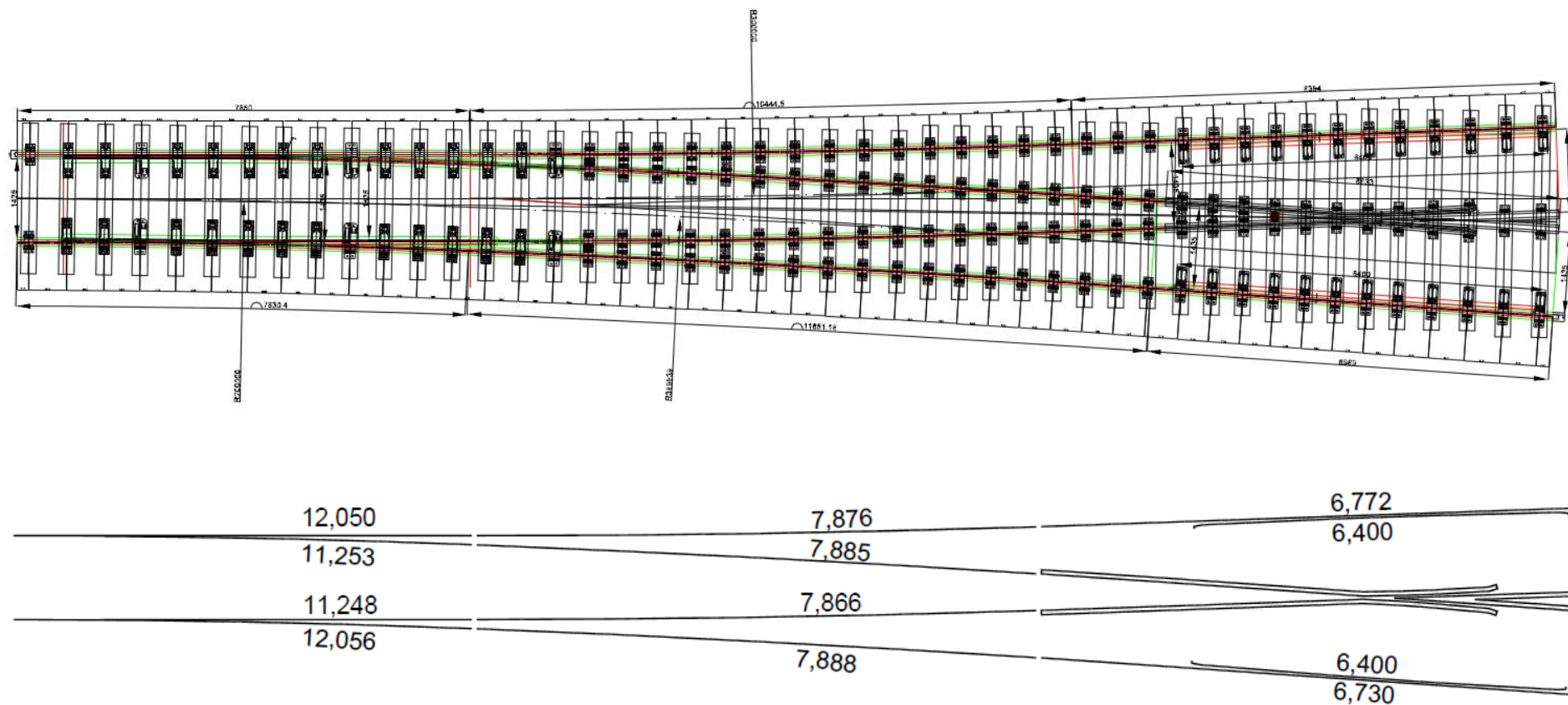


AXIAL DIAGRAM
54216



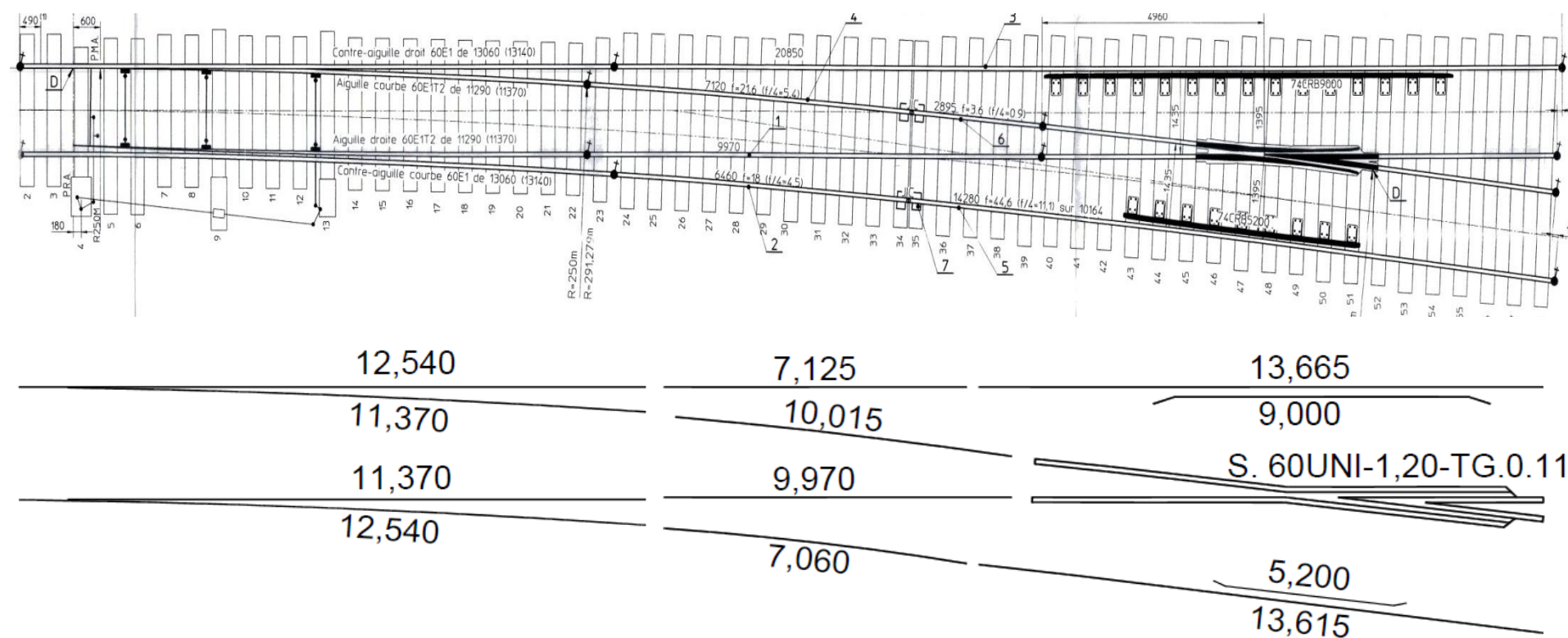
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60/200-300

Rail profile 60E1 – Standard Turnout type 60/200-300



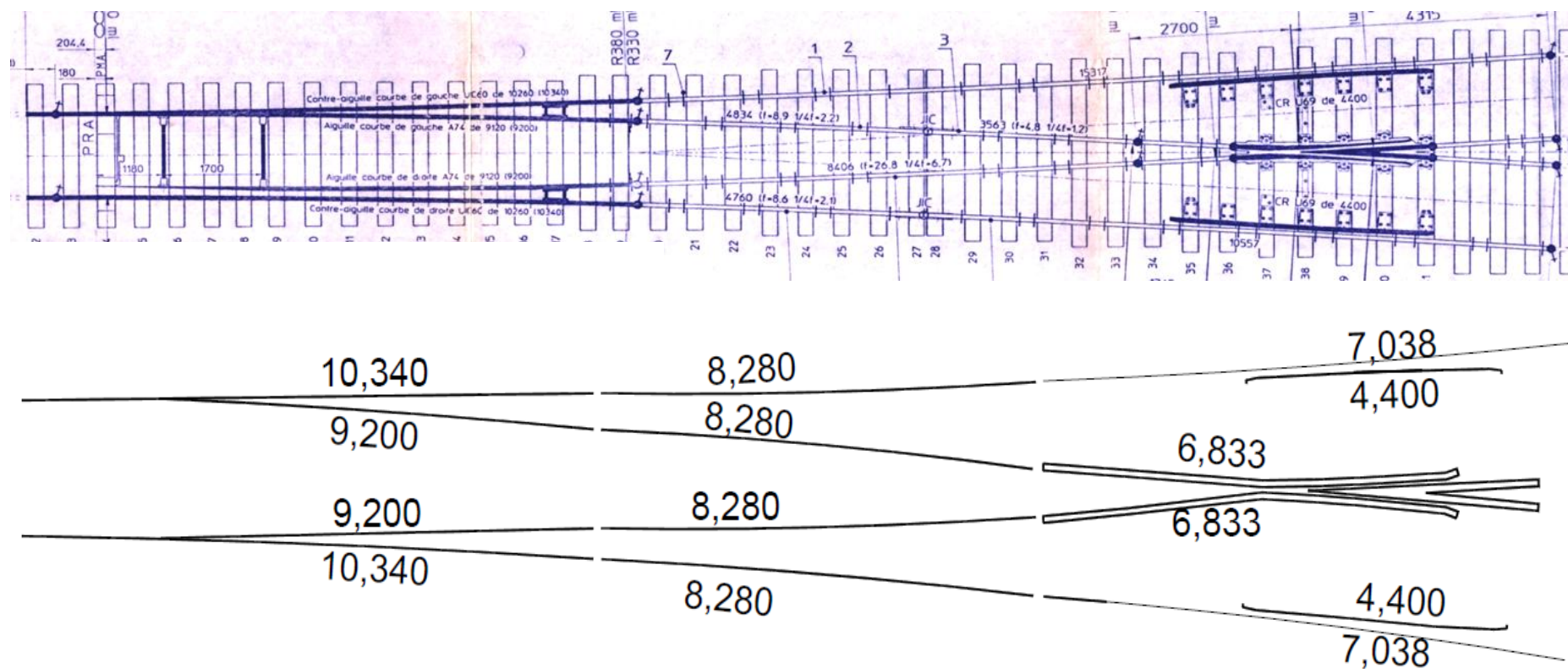
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60-1,20-TG.0.11

Rail profile 60E1 – Standard Turnout type 60-1,20-TG.0.11



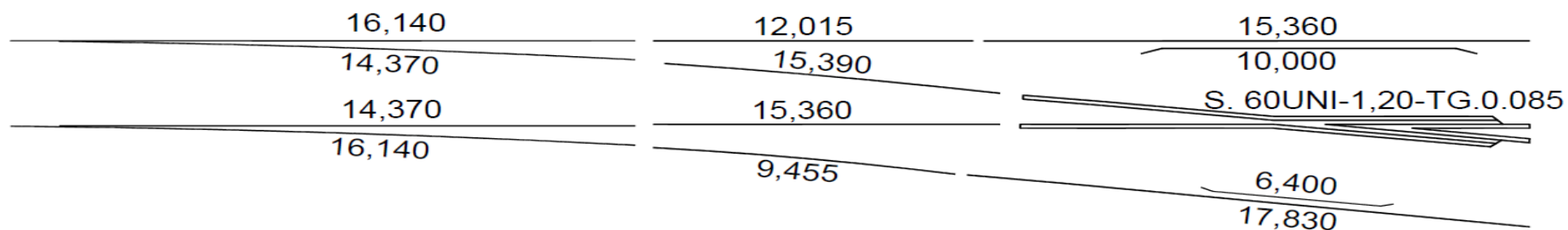
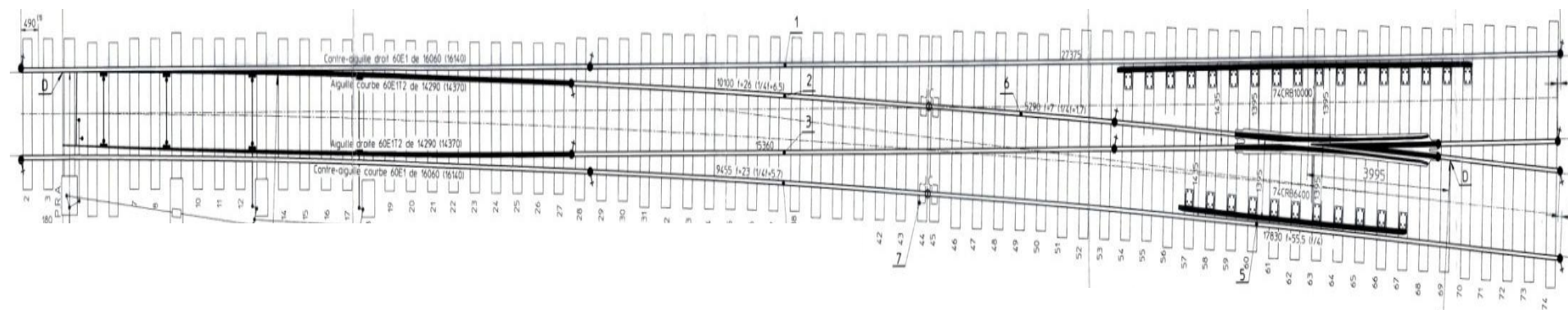
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60-1,20-TG.0.13 Simm.

Rail profile 60E1 – Standard Turnout type 60-1,20-TG.0.13 Simm.



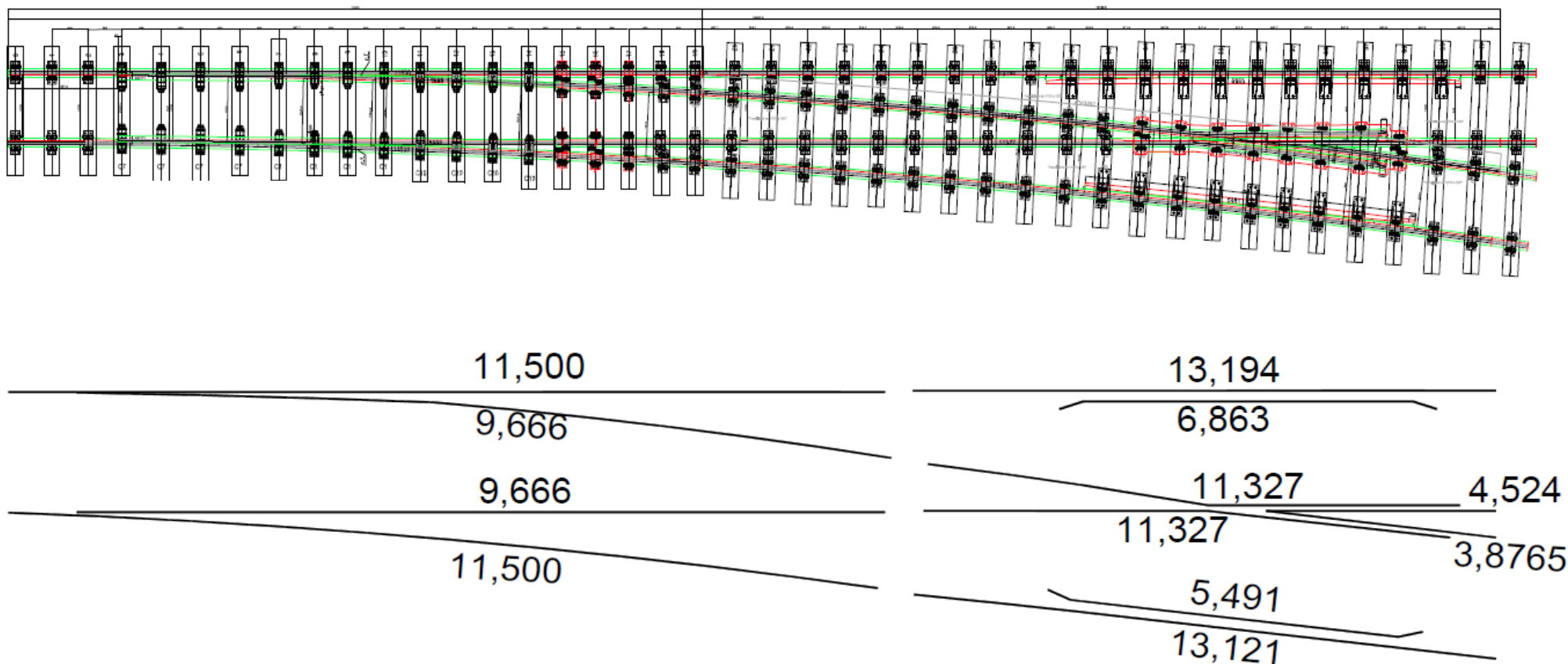
ARMEMENT 60E1 – AIGUILLAGE STANDARD S.60-1,20-TG.0.085

Rail profile 60E1 – Standard Turnout type 60-1,20-TG.0.085



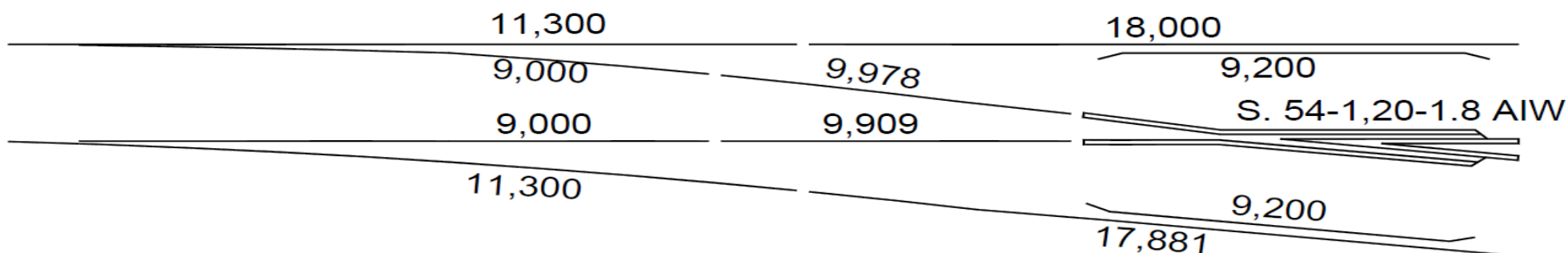
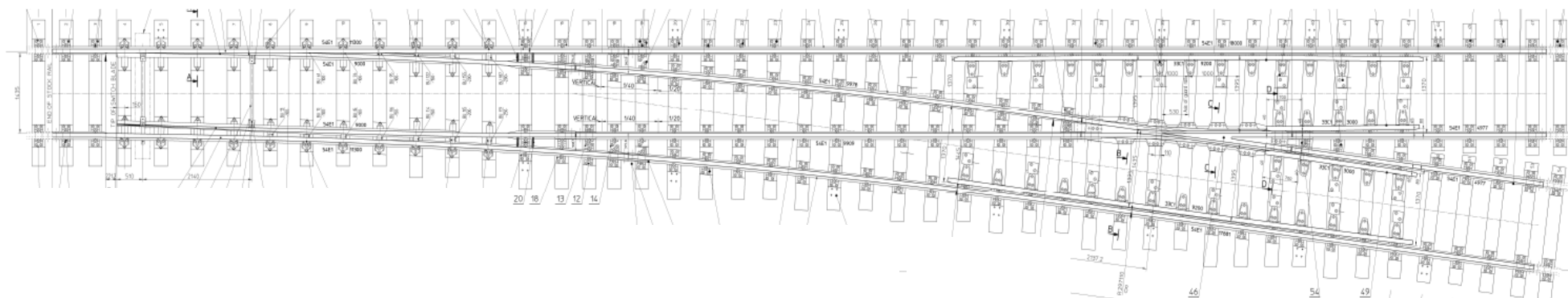
ARMEMENT 54E1 – AIGUILLAGE STANDARD S.54/190/0.13

Rail profile 54E1 – Standard Turnout type 54/190/0.13



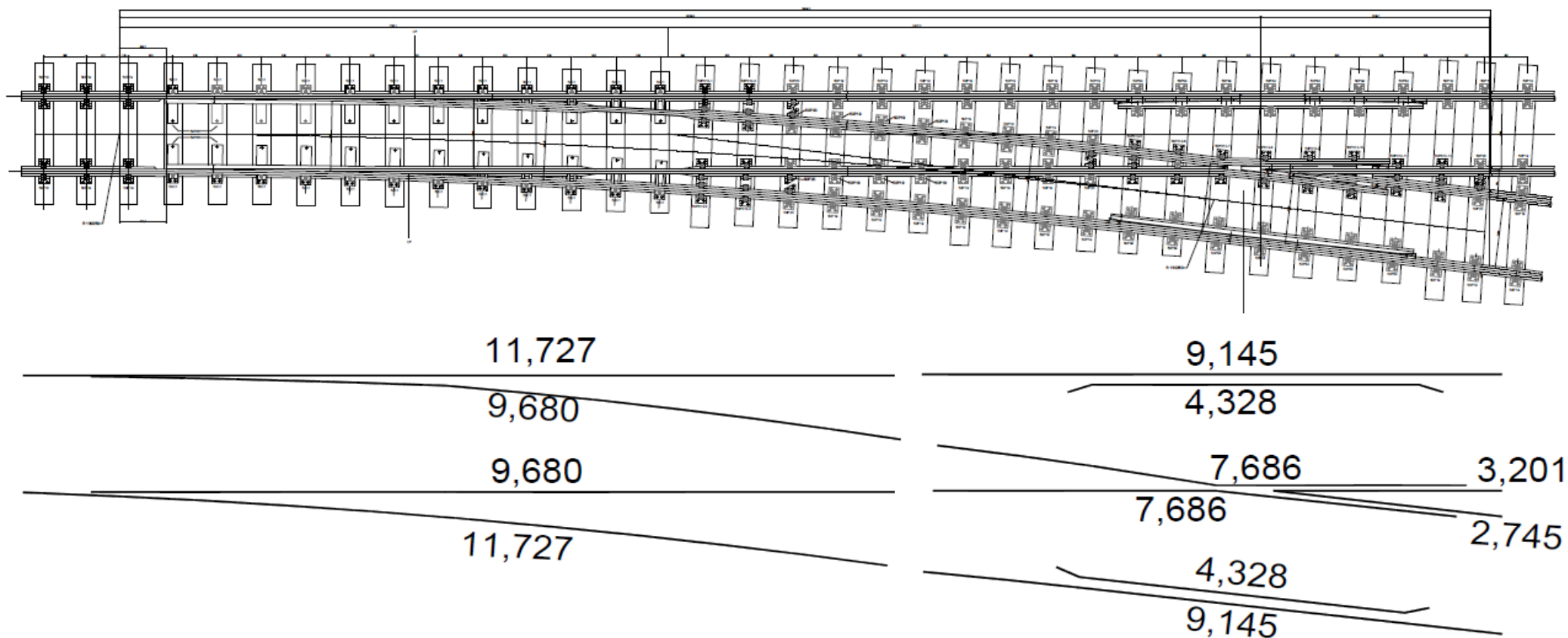
ARMEMENT 54E1 – AIGUILLAGE STANDARD S.54-1.20-1.8

Rail profile 54E1 – Standard Turnout type 54-1.20-1.8



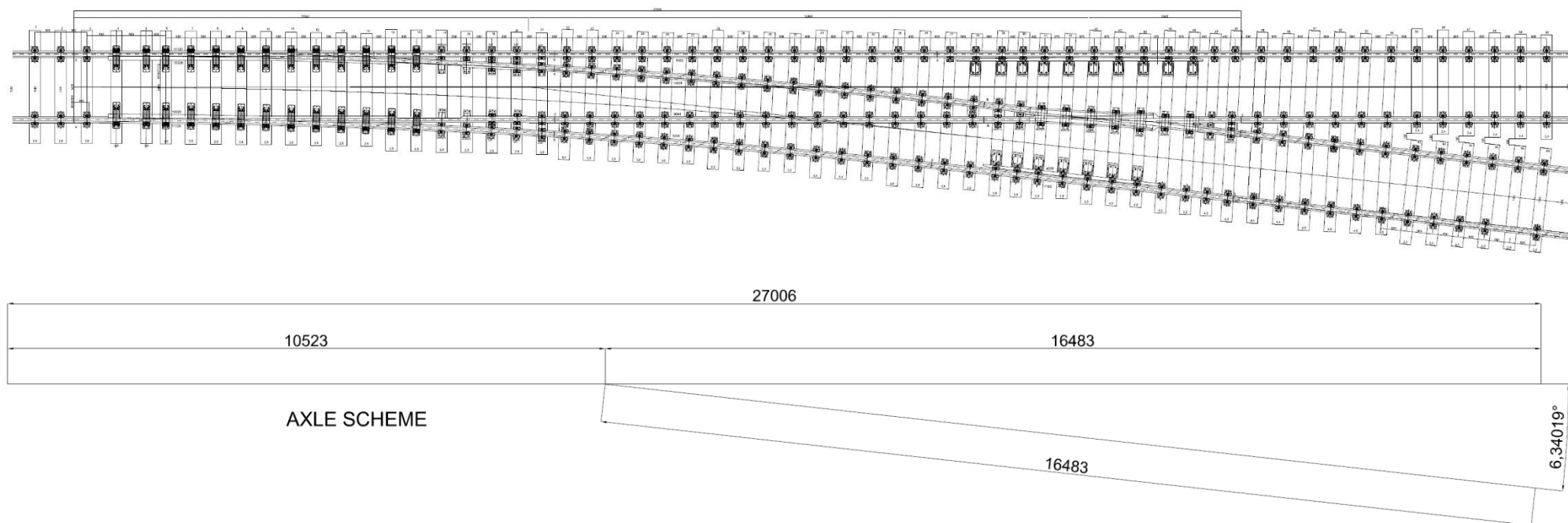
ARMEMENT 50U – AIGUILLAGE STANDARD S.50U-130,75-0.12

Rail profile 50U – Standard Turnout type 50U-130,75-0.12



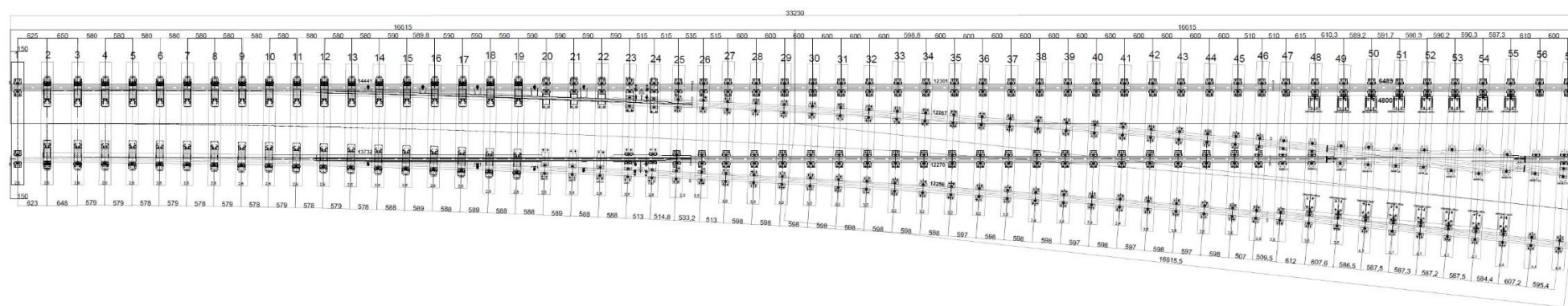
ARMEMENT 54E1 – AIGUILLAGE STANDARD S.54E1/190/1:9

Rail profile 54E1 – Standard Turnout type 54E1/190/1:9

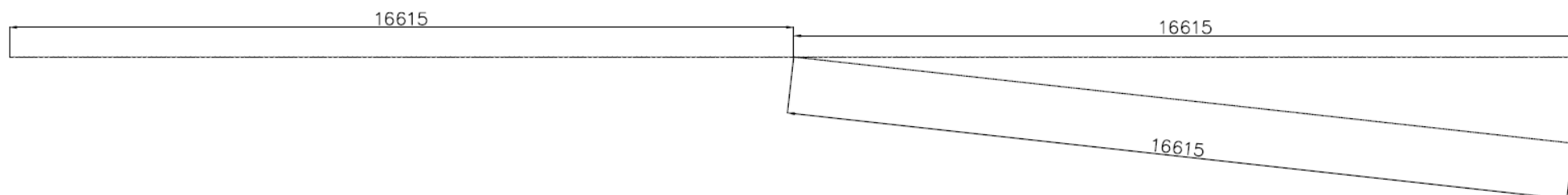


ARMEMENT 54E1 – AIGUILLAGE STANDARD S.54E1/300/1:9

Rail profile 54E1 – Standard Turnout type 54E1/300/1:9

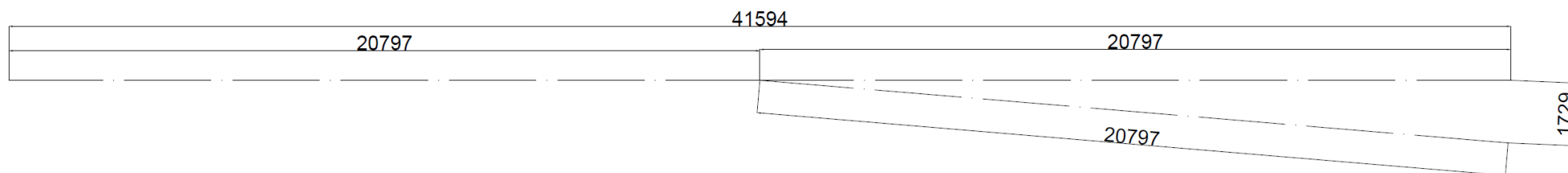
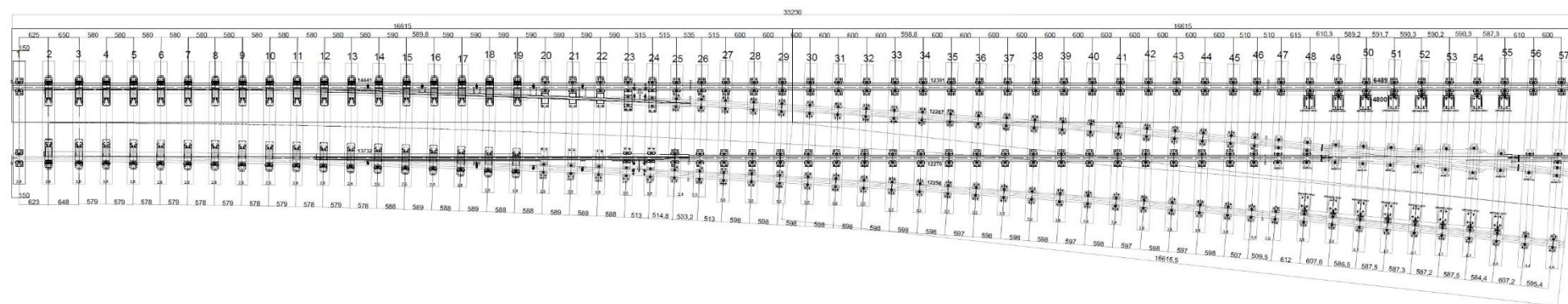


AXLE SCHEME



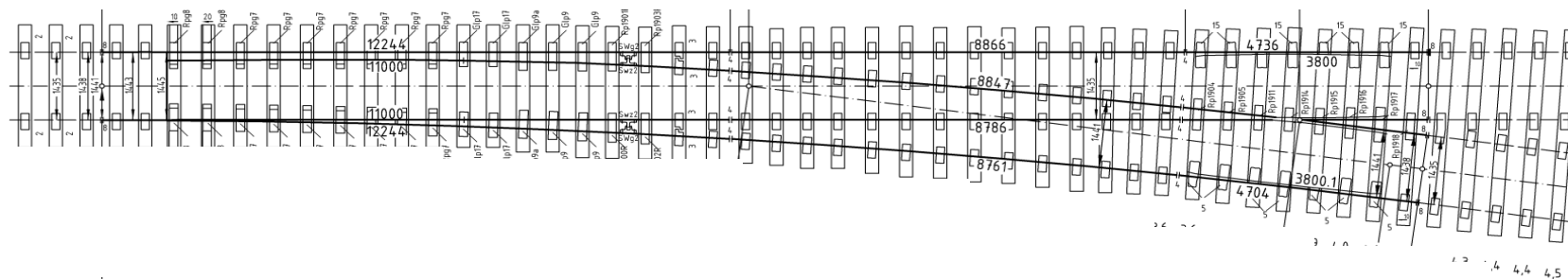
ARMEMENT 54E1 – SCAMBIO SEMPLICE TIPO S.54E1/500/1:12

Rail profile 54E1 – Standard Turnout type 54E1/500/1:12

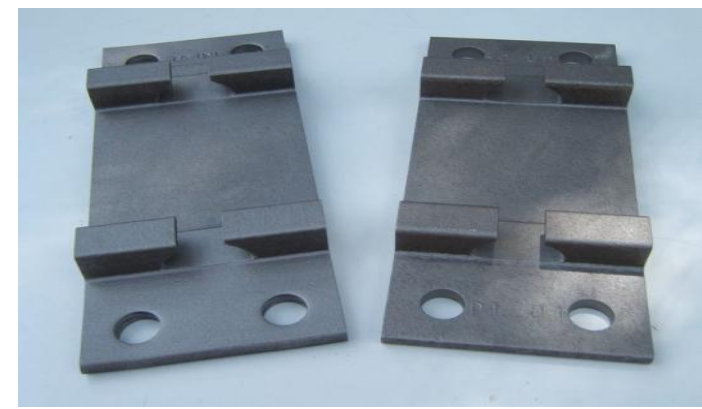


ARMEMENT 49E1 – AIGUILLAGE STANDARD S.49/190/7.5°

Rail profile 49E1 – Standard Turnout type 49/190/7.5°



12,244	8,886	4,736
11,000	8,847	3,800
11,000	8,786	3,945
12,244	8,761	3,945
		3,800
		4,736



Composants Ferroviaires

Railway Components



Production des appareils de voie de différents types et armements , tant pour les chemins de fer que pour les installations industrielles, répondant aux exigences des normes étrangères.Par ailleurs, tout autre type d'échange ou pièce d'échange est fourni sur demande.Production de composants et autres produits pour l'armement de voie, national et international: plaques, éclisses,boulons, tirefonds...

Les pages suivantes illustrent les éléments constitutifs et les principales caractéristiques structurales et géométriques relatives à la superstructure de la voie minute et aux aiguillages ferroviaires actuellement produits.

Production of any kind of railway turnouts, both for the state network and for industrial factories, respecting the standards of most foreign networks.

On specific request we can supply any other type of turnout or parts of turnout.

Production of railway track components for national and international networks : base-plates, fishplates, bolts, sleeper screws...

The following pages illustrate the current production of the most important items and the main structural & geometrical features of the track and turnout components of current production.

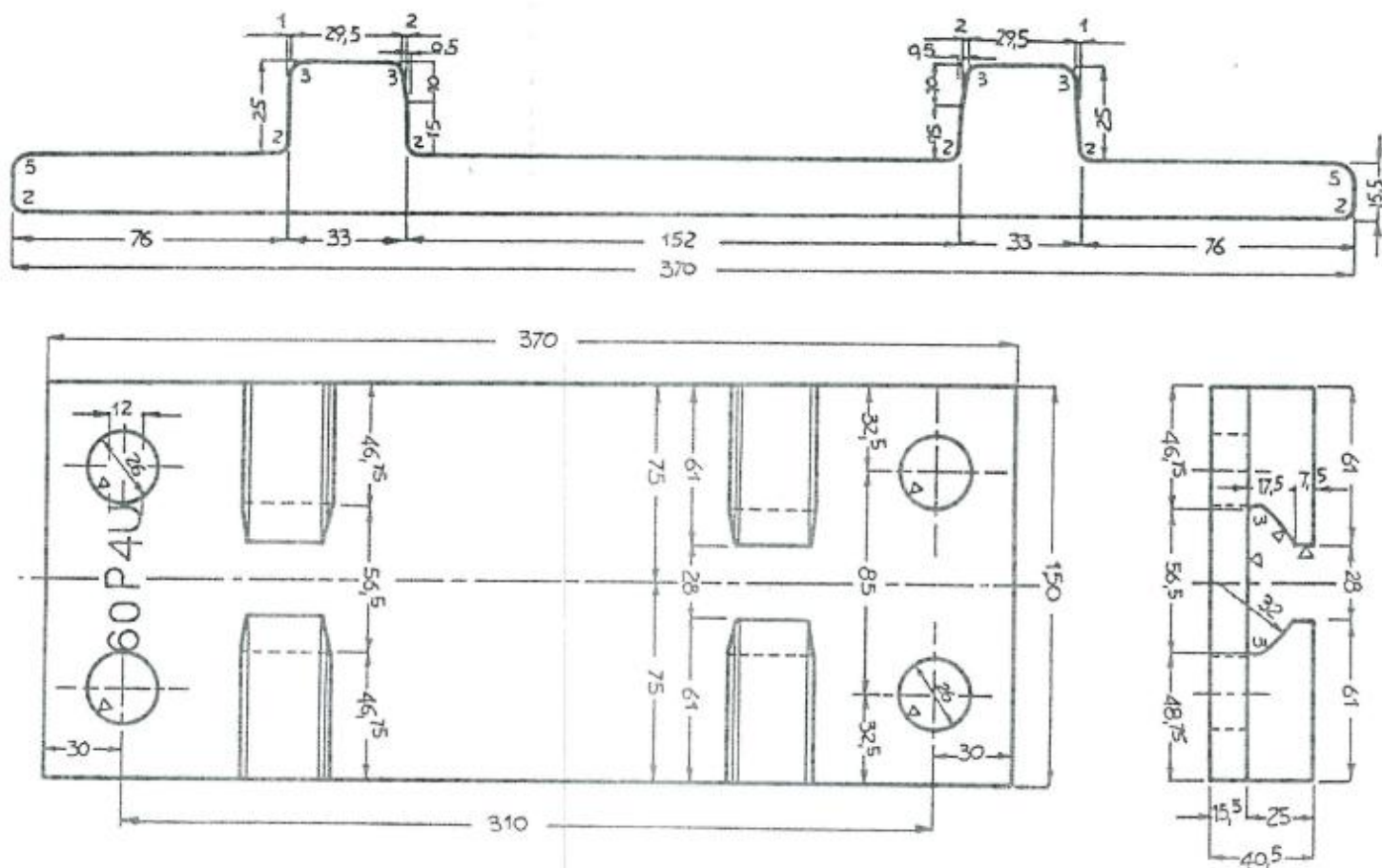
Plaques pour armement de voie

Base Plates



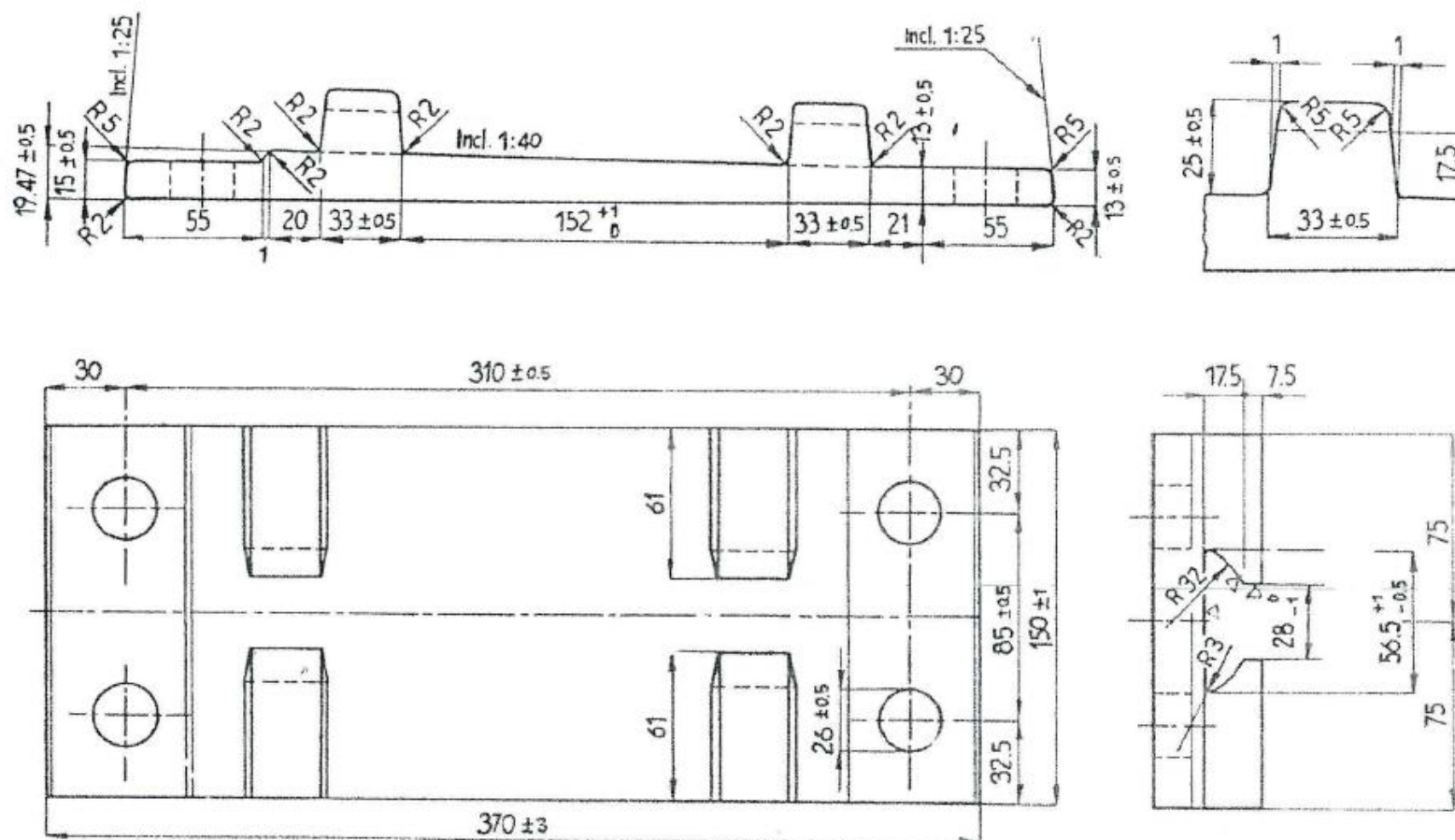
ARMEMENT 60E1 – Plaque 60P.4U Inclination 1/00

Rail profile 60E1 – Base plate type 60P.4U 1/00



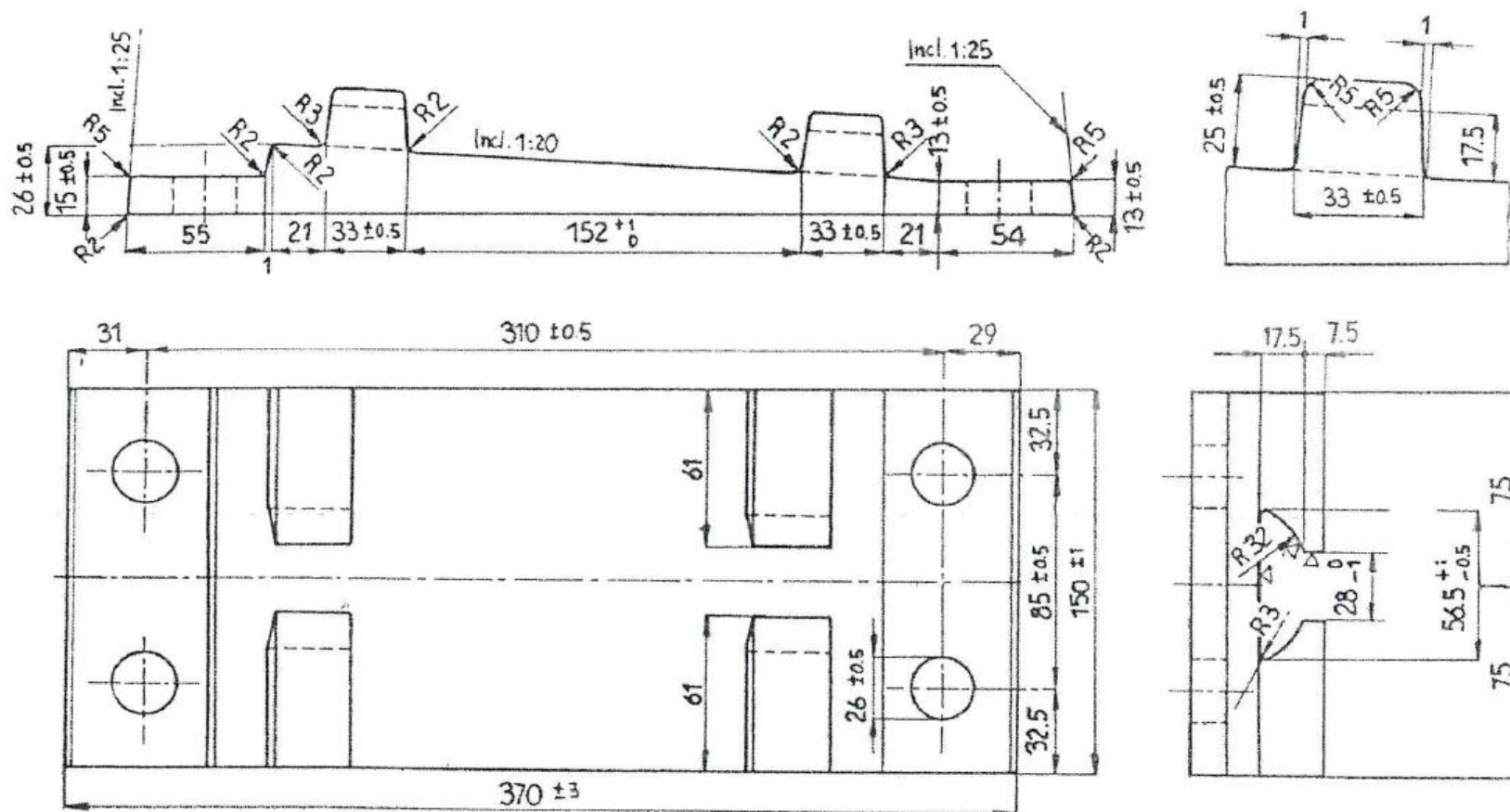
ARMEMENT 60E1 – Plaque 60 UNI 3551 Inclination 1/40

Rail profile 60E1 – Base plate type 60 UNI 3551 1/40



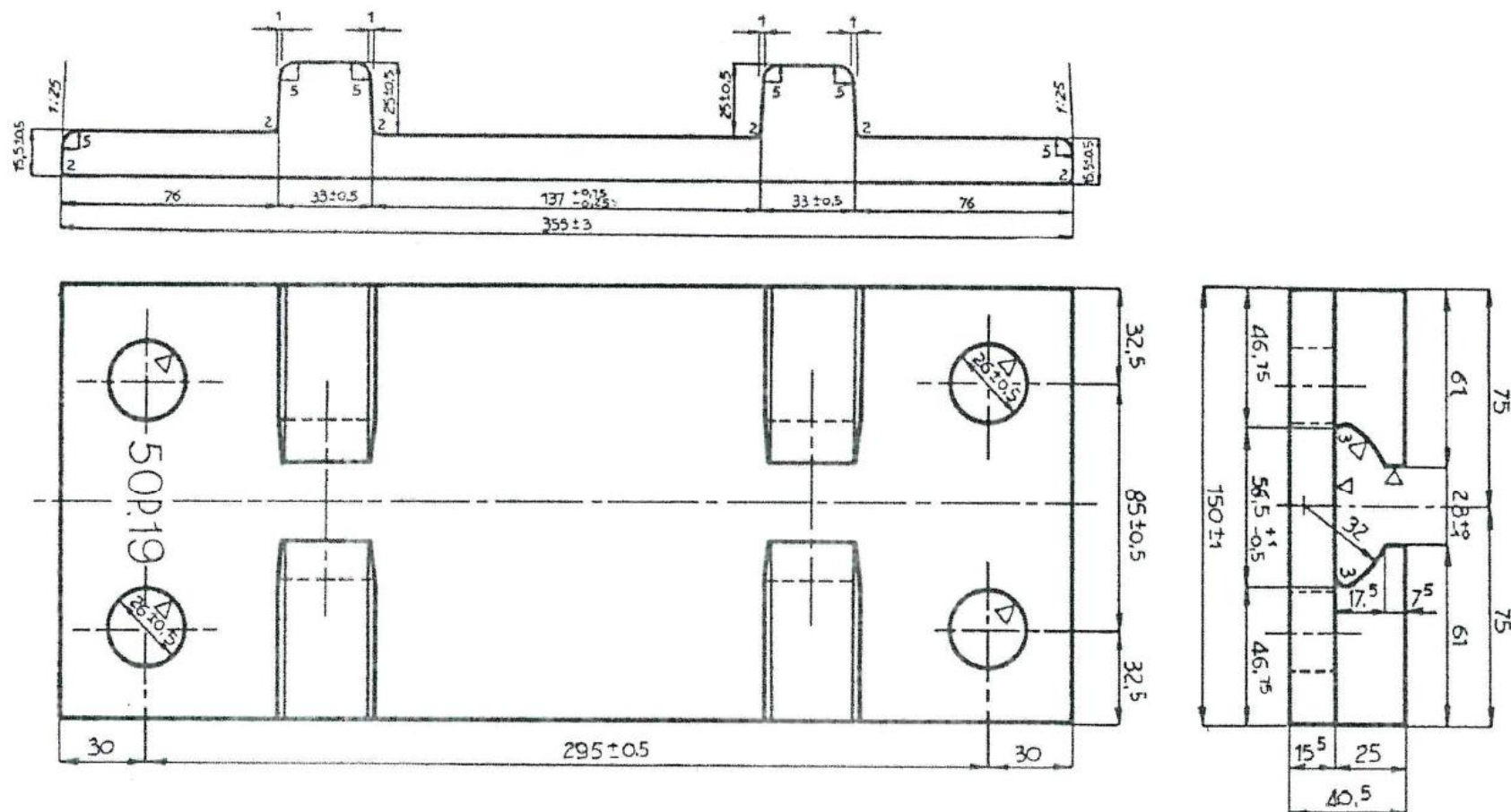
ARMEMENT 60E1 – Plaque 60 UNI 3551 Inclination 1/20

Rail 60E1 – Base plate type 60 UNI 3551 1/20



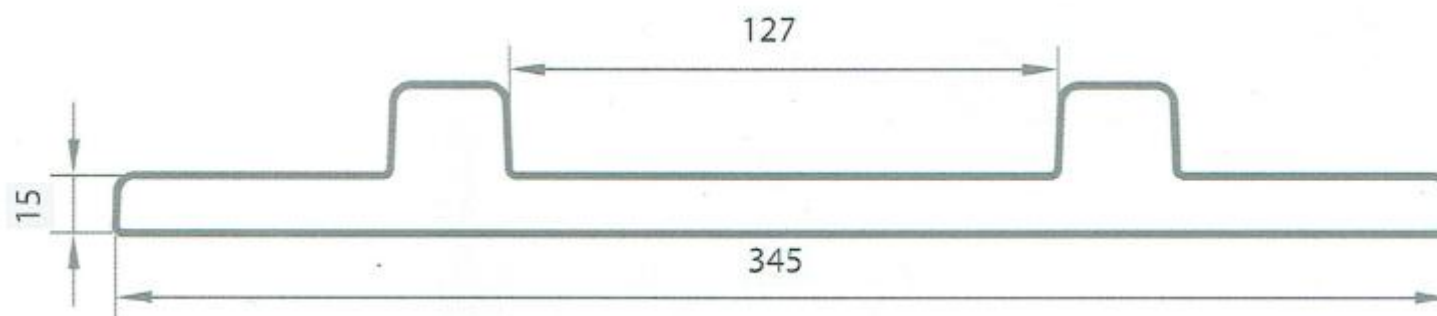
ARMEMENT 50E5 – Plaque 50P.19 Inclination 1/00

Rail 50E5 – Base plate type 50P.19 1/00



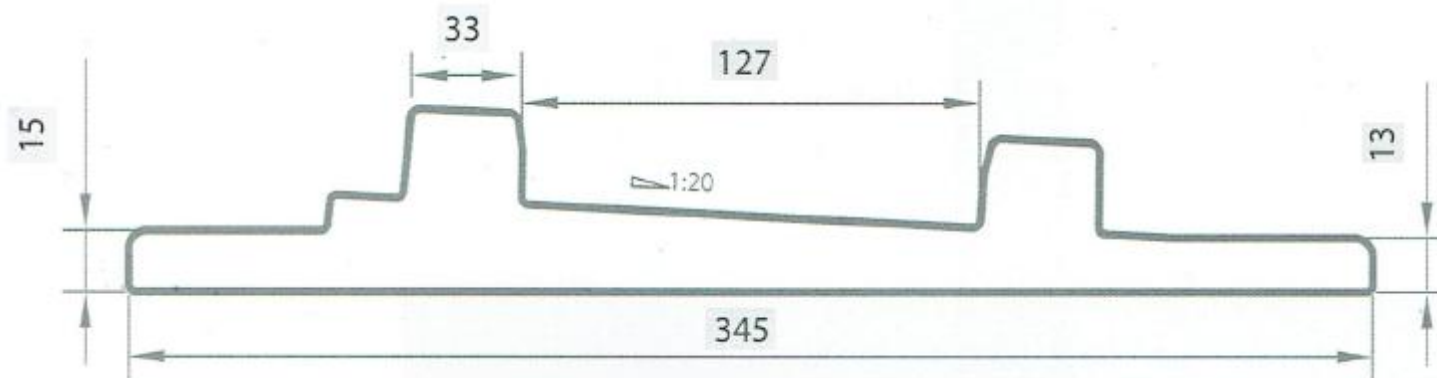
ARMEMENT 49E1 – Plaque inclination 1/00

Rail 49E1 – Base plate 1/00



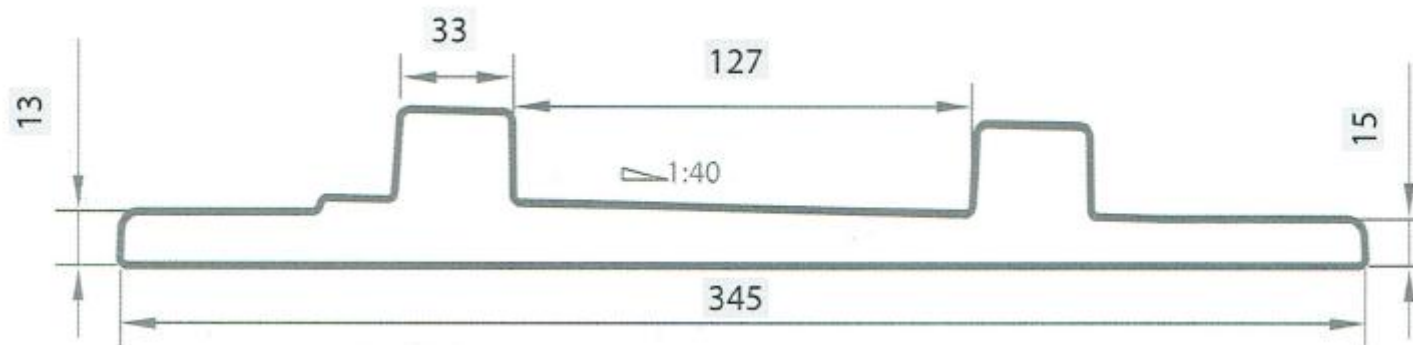
ARMEMENT 49 E1 – Plaque inclination 1/20

Rail 49 E1 – Base plate 1/20



ARMEMENT 49E1 – Plaque inclination 1/40

Rail 49E1 – Base plate 1/40



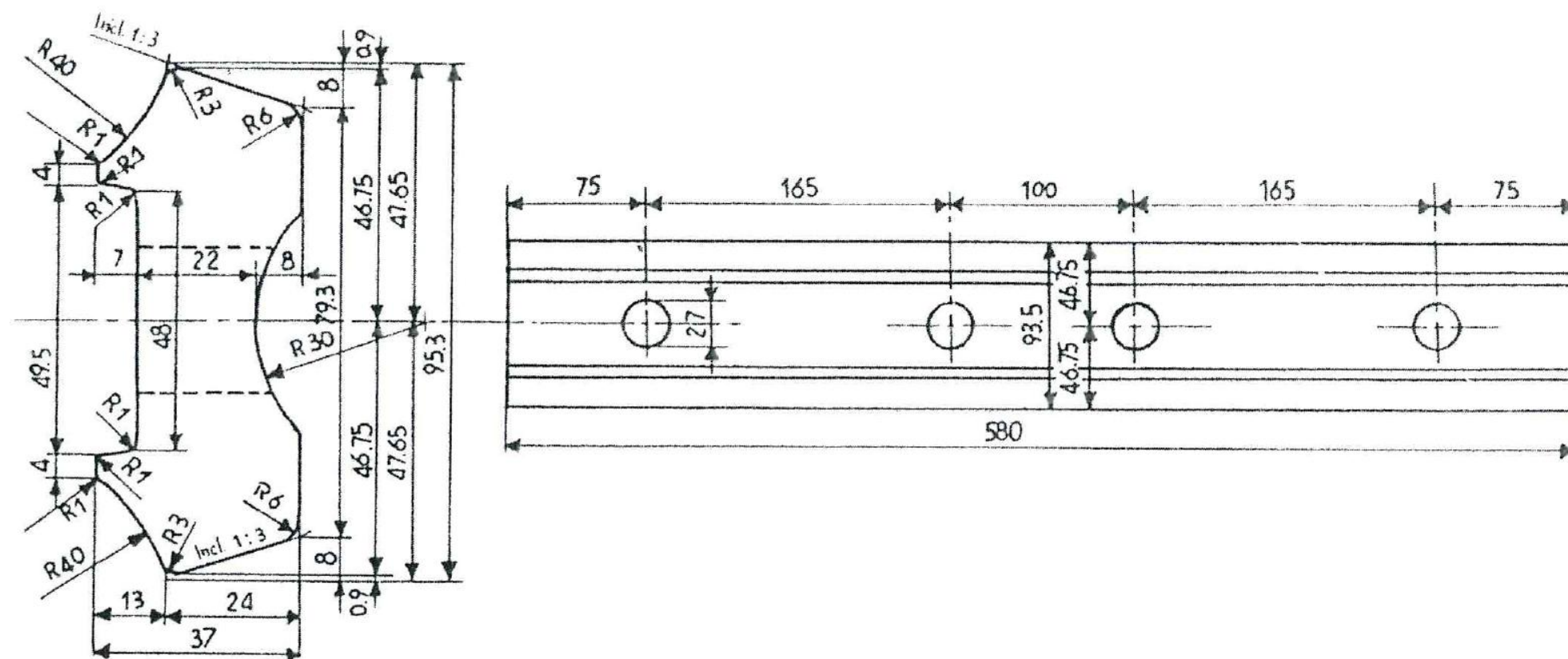
Eclisses pour armement de voie

Fishplates



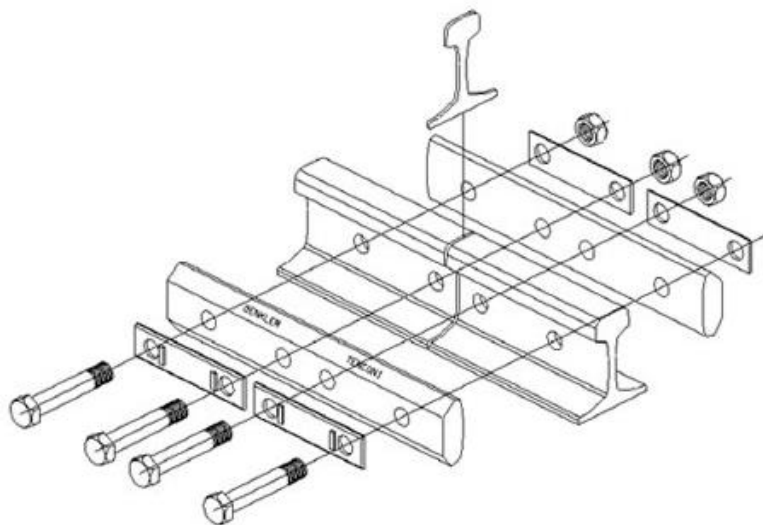
ARMEMENT 50E5 – Eclisse UNI 3555-66 pour rail 50 E5

Rail 50E5 – Fishplate UNI 3555-66



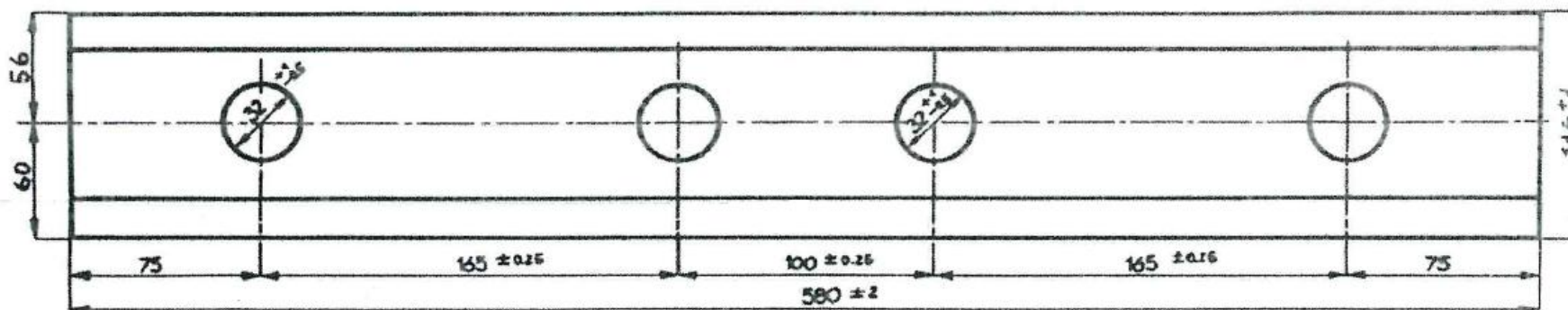
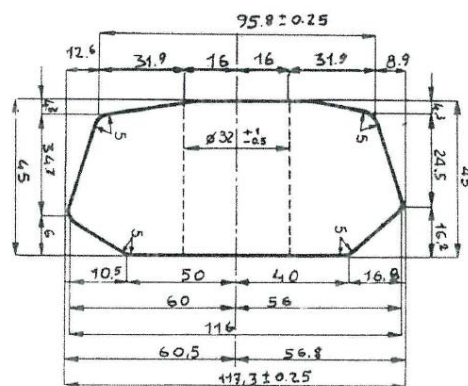
Eclisse pour Joints Isolants

Fishplates for glued insulated joints



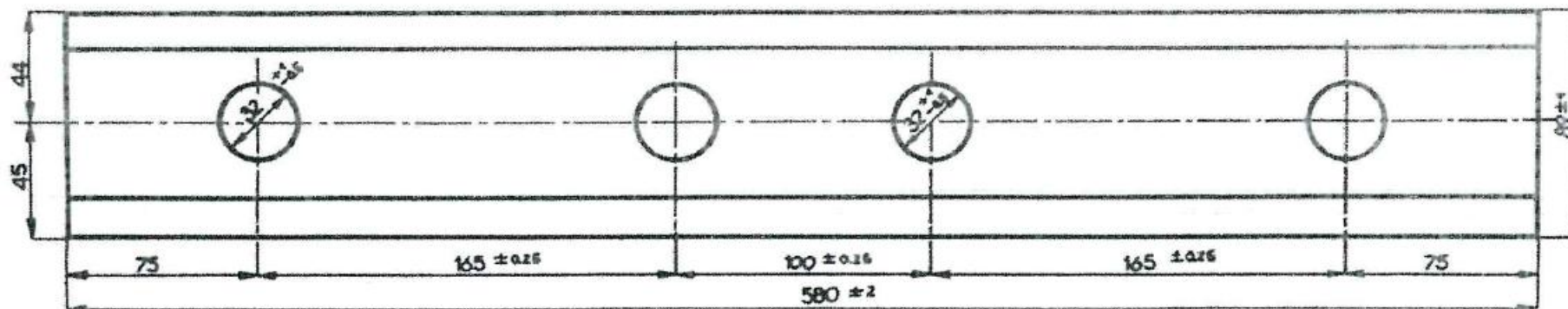
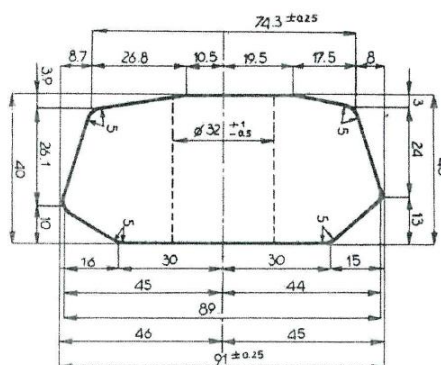
ARMEMENT 60E1 – Eclisse pour joints isolants

Rail 60E1 – Fishplate for insulated joint



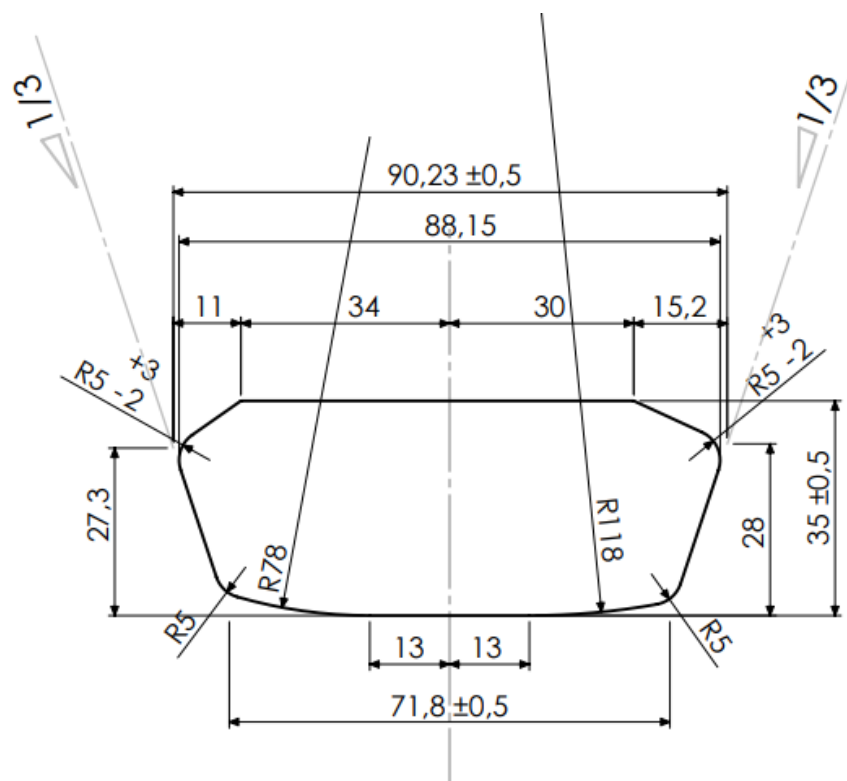
ARMEMENT 50E5 – Eclisse pour joints isolants

Rail 50E5 – Fishplate for insulated joint



ARMEMENT 49E1 – Eclisse pour joints isolants

Rail 49E1– Fishplate for insulated joint





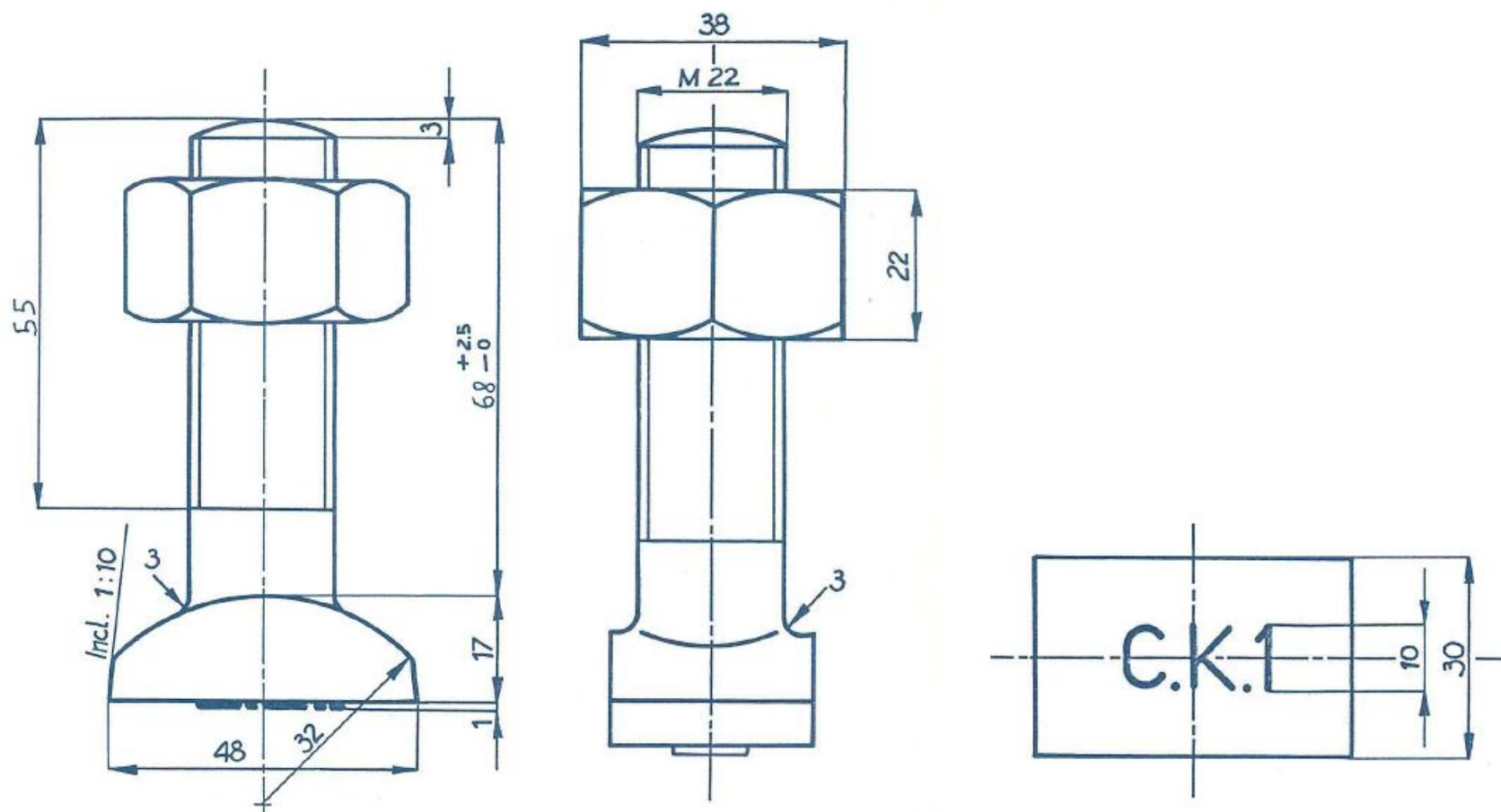
Boulons pour armement de voie

Railway Bolts



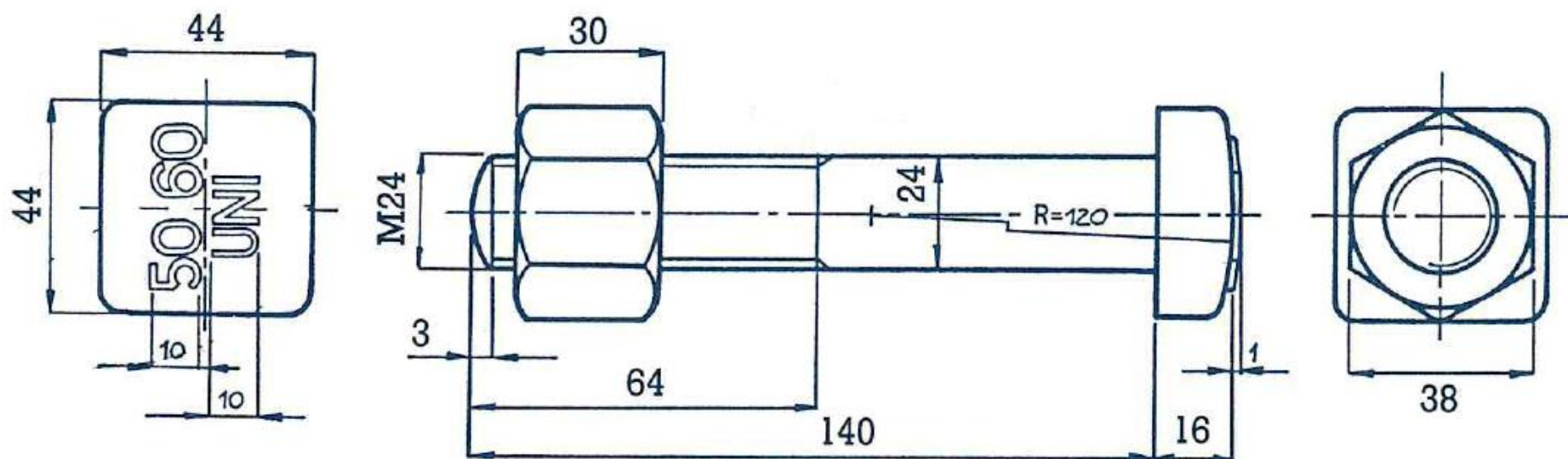
Boulon CK1 pour armement 60E1 & 50E5

Anchoring Bolt type CK1 – railprofile 60E1 & 50E5



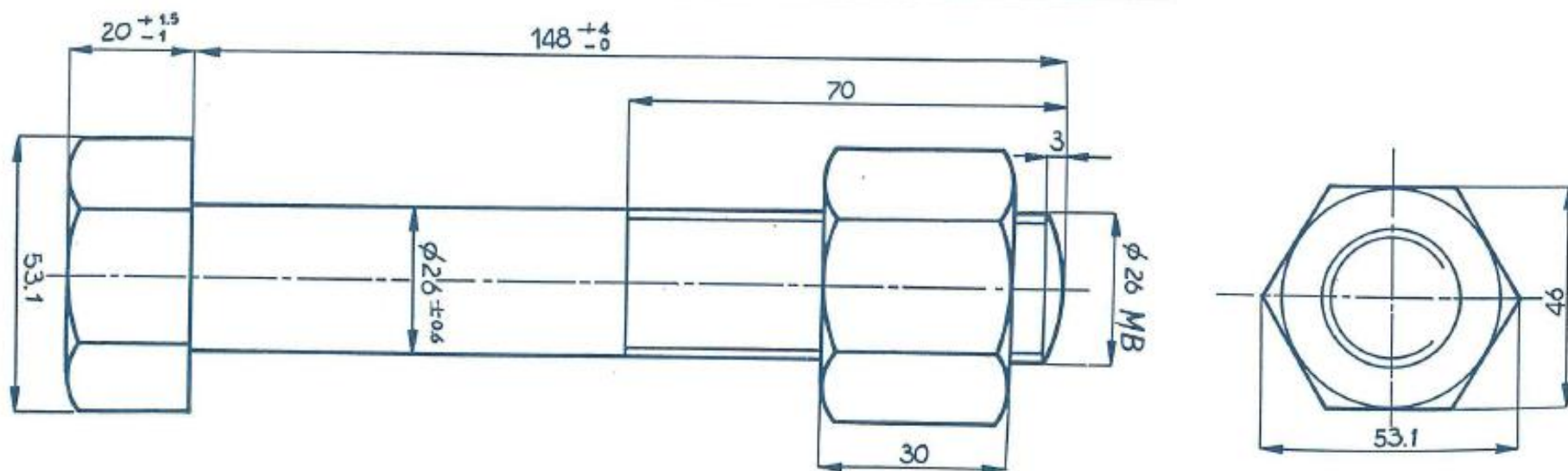
Boulon de jonction pour armement 60E1& 50E5

Fishbolt for railprofile 60E1 & 50E5



Boulon pour joints isolants C.960 – Armement 50E5 & 60E1

Bolt for insulated joint rails type C.960 – rail profile 60E1 & 50E5





Tirefonds pour armement de voie

Railway sleeper screws





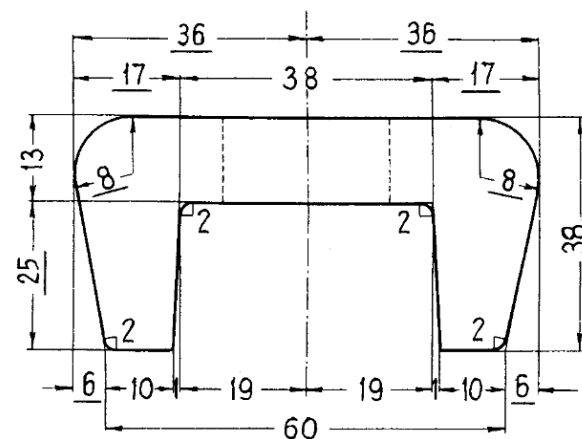
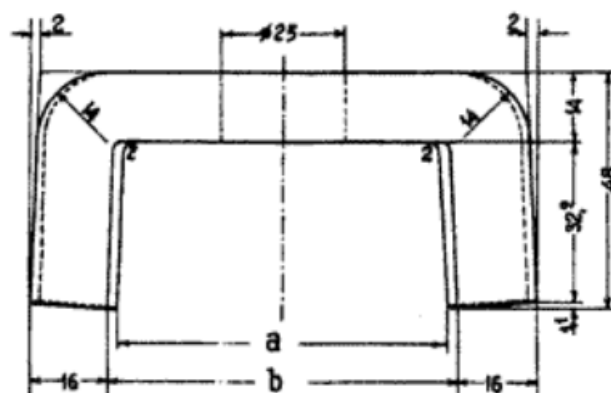
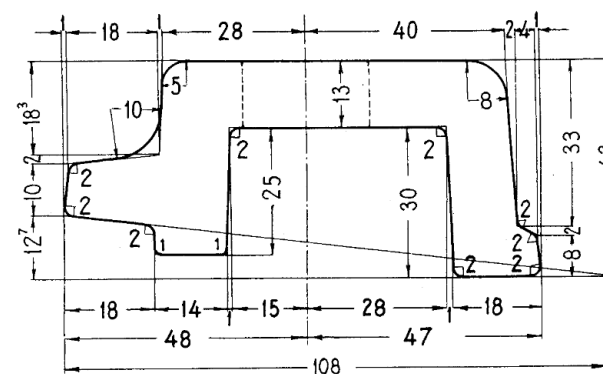
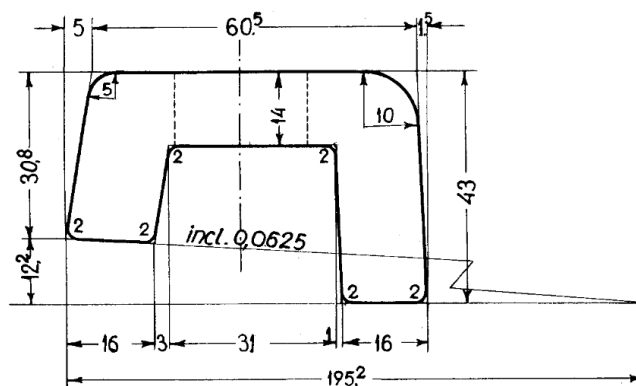
Crapauds pour armement de voie

Various railway clips



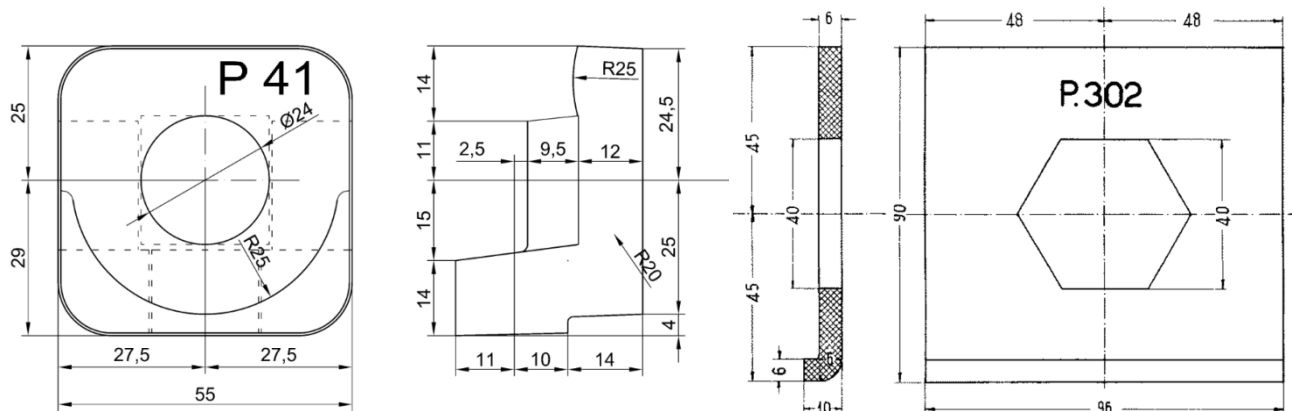
Crapauds pour armement 50E5 – 60E1

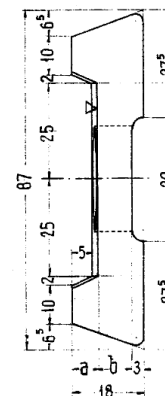
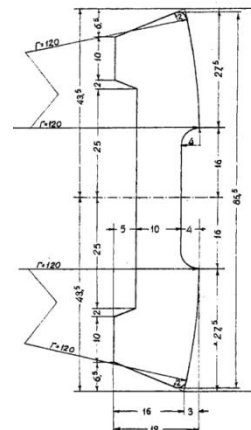
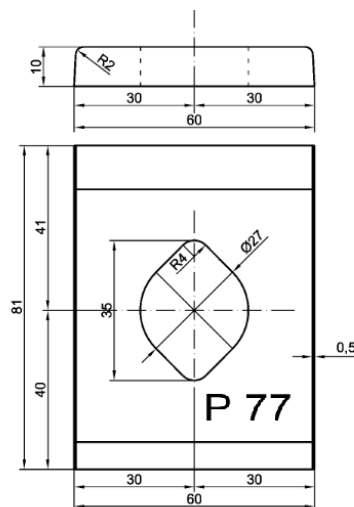
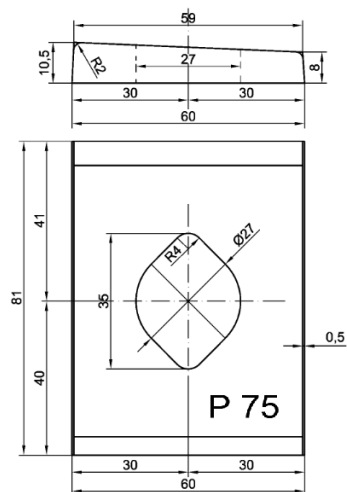
Clips for rail profile type 50E5 & 60E1



Crapauds pour armement 50E5 – 60E1

Clips for rail profile type 50E5 & 60E1





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